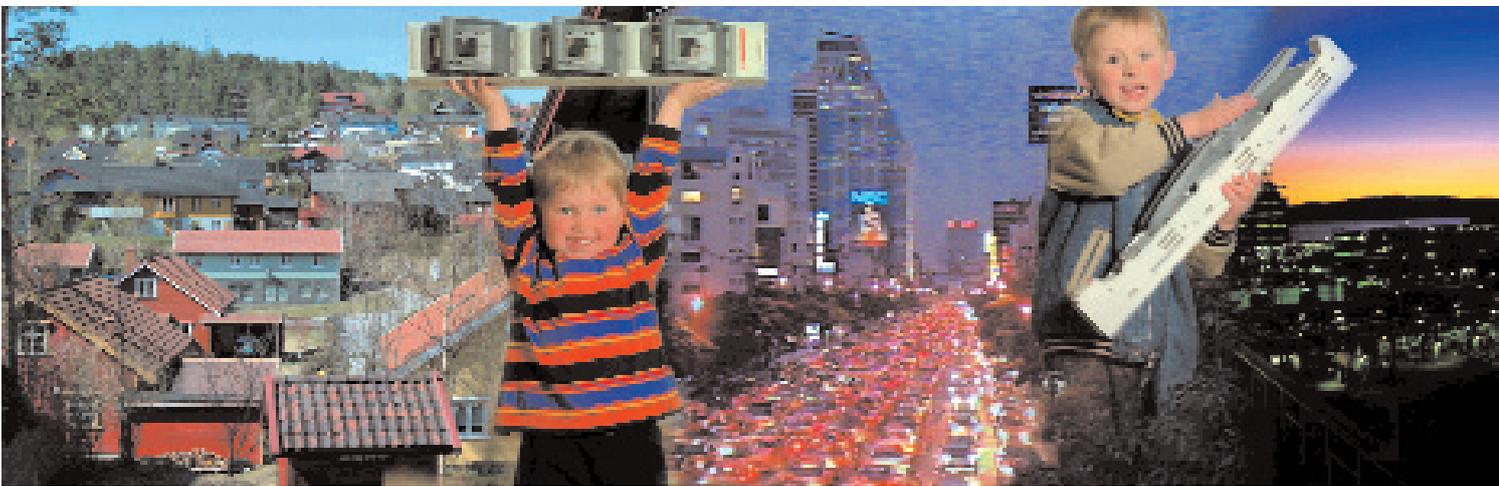


# Fuse switch disconnector, XLBM 160-1600A



**InLine**

**ABB**

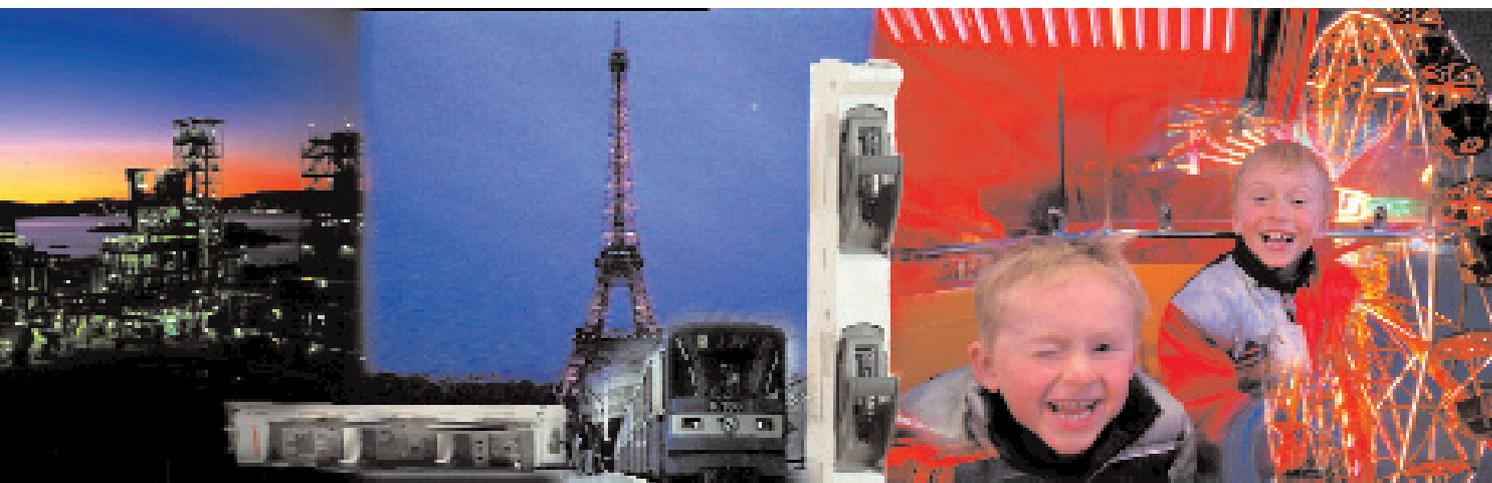


# ABB InLine

XLBM Fuse switch disconnecter 160 - 1250 A  
XUBM Fuse rail 160 - 630 A  
BXL Disconnecter 1000 - 1600 A

## Contents

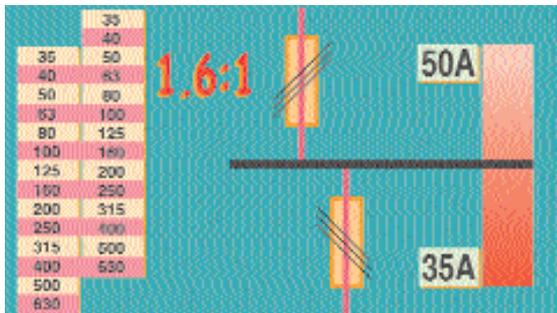
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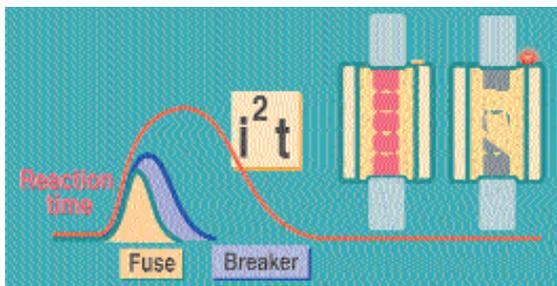


# InLine

## 1. Fuse protection



**No need for calculation tools**  
- Easy and economical selectivity



**No moving parts**  
- No extra operation time

### Fuse protection – Easy and reliable

- Economical installation
- Easy and economical selectivity
- No need for calculation tools
- No need to change the present structure when more power is needed
- No moving parts
- No extra operation time
- No arc space
- No emission of gasses at short circuits

### Fuse protection – Easy and reliable

The fuse is a superior short circuit protection element regarding the maximum allowed cut-off current (peak let through current) and energy value.

This is more important the higher the voltage and prospective fault levels are. The SlimLine switch fuses fulfil the highest requirements for modern switch fuses with a total safety concept. The switch fuses are tested according to the EN 60947-3 standard with more stringent requirements for isolation, making, performance and safety. The fuse rails are tested according to IEC 60269-2-1.

The melting curves and current limiting diagrams for NH fuse links are given in the IEC 269-2 standard. The standardised fuse characteristics and high degree of current limitation ensure that there is a simple and effective co-ordination with fuse links and other devices.

Fuse links provide a simple procedure for selecting the right fuse type for your installation, without complicated calculations or calculation tools. Fuses prevent “blackouts”. Only the fuse nearest a fault trips without upstreams fuses (feeders or mins) being affected. Fuses thus provide selective coordination.

When more power is needed in an installation, more feeders can be added without changing the present structure or any new selectivity calculations. Fuse links will assure selectivity in the installation by 1,6:1 difference in the rated current.

### Economical installation

Lifetime costs of fuse systems are low. Fuse links which can withstand a high fault level and a fault current, are available at economical prices. After fuse operation, only the fuse link has to be changed.

Because the fuse links can be rapidly and easily replaced, plant down time and maintenance are substantially reduced with a fuse link system.

Because the fusing elements operate in a cylinder, they are not affected by their surroundings. Thus their protecting characteristics remain stable year after year. The dynamic stress on the network and its equipment is dependent of the let through energy ( $i^2t$ ) at a short circuit. The fuse link provides the best protection compared to other solutions, at high short circuit currents.

As the fuse link body is filled with quartz sand, there will be no emission of gases or arcs when a short circuit occurs. This again leads to less stress on the network and a higher degree of personal safety.

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## InLine 2. General

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# InLine – The new solution for your distribution



### Family presentation

InLine is the new generation of vertical fuse switch disconnectors, fuse rails and disconnectors from ABB.

ABB has a long history in producing these types of devices, and the first generation was introduced already in 1967. The InLine family consists of fuse rails, single-, and triple pole operated fuse switch disconnectors and incoming/outgoing units.

### Areas of applications

- Cable distribution cabinets (CDC)
- Low voltage distribution in secondary transformer substations
- Distribution boards for industry, housing and office buildings
- Installations

### InPlan

InPlan is a software tool for planning and designing InLine applications.

It may be used to have:

- Front view diagram
- Single line diagram
- Material list

These can all be printed and used for documentation and offers where InLine is used.



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## InLine

### 2. General

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🏆 Award for Design Excellence  
Awarded by the Norwegian Design Council



#### Properties

- Fully type tested in accordance with IEC 60947-3 and IEC 60269-2-1
- Compact 48 and 98 mm width
- 185mm busbar distance
- For flat or IP20 z-profile busbar
- Wide range of accessories
- Possibility of top, bottom or side cable connection
- IP30 from the front
- Available with Electronic Fuse Monitoring (EFM)
- Current metering on both the cable and busbar side and in front
- Safe live installation with IP20 system
- V0 – flame retardant materials

#### Advantages

- Complete range for all applications
- Modern and sturdy design
- Flexibility – snap on solutions



# InLine

## 3. Standard apparatus

XUBM fuse rail



	XUBM00	XUBM1/2/3
Fuse link	NH 00	NH1/2/3
Rated current	160 A	250 A 400 A 630 A
Module width	50 mm	100 mm
Cable Al / Cu mm <sup>2</sup> 1)	1,5 - 95	95 - 240
Cable terminal 2)	3 x M8	3 x M12
Order code	1SEP102110R0101	XUBM1 - 1SEP102111R0101 XUBM2 - 1SEP102112R0101 XUBM3 - 1SEP102113R0101

1) Cable lugs in accordance with DIN 46235 and DIN 46239.  
Cu-cable lugs must be tin-coated

2) Cable clamps are available as accessories

# InLine

## 3. Standard apparatus

### XLBM fuse switch disconnecter



	XLBM00-3P-100	XLBM00-1P	XLBM00-3P	XLBM00-3PL
Fuse link	NH 00	NH 00	NH 00	NH 00
Rated current	160 A	160 A	160 A	160 A
Module width	50 mm	50 mm	50 mm	50 mm
Cable Al / Cu mm <sup>2</sup> 1)	1,5 - 95	1,5 - 95	1,5 - 95	2,5 - 95 mm <sup>2</sup>
Cable terminal 2)	3 x M8	3 x M8	3 x M8	Cable clamps
Order code	1SEP101818R0002	1SEP102140R0101	1SEP102140R0121	1SEP102140R0143

1) Cable lugs in accordance with DIN 46235 and DIN 46239.  
Cu-cable lugs must be tin coated

2) Cable clamps are available as accessories

# InLine

## 3. Standard apparatus

XLBM fuse switch disconnecter



	XLBM1/2/3-1P	XLBM1/2/3-3P
Fuse link	NH1/2/3	NH1/2/3
Rated current	250 A	250 A
	400 A	400 A
	630 A	630 A
Module width	100 mm	100 mm
Cable Al / Cu mm <sup>2</sup> 1)	95 - 240	95 - 240
Cable terminal 2)	3 x M12	3 x M12
Order code	XLBM1 - 1SEP102141R0101	XLBM1 - 1SEP102141R0121
	XLBM2 - 1SEP102142R0101	XLBM2 - 1SEP102142R0121
	XLBM3 - 1SEP102143R0101	XLBM3 - 1SEP102143R0121

1) Cable lugs in accordance with DIN 46235 and DIN 46239.  
Cu-cable lugs must be tin coated

2) Cable clamps are available as accessories

# InLine

## 3. Standard apparatus

BXL disconnecter and XLBM fuse switch disconnecter



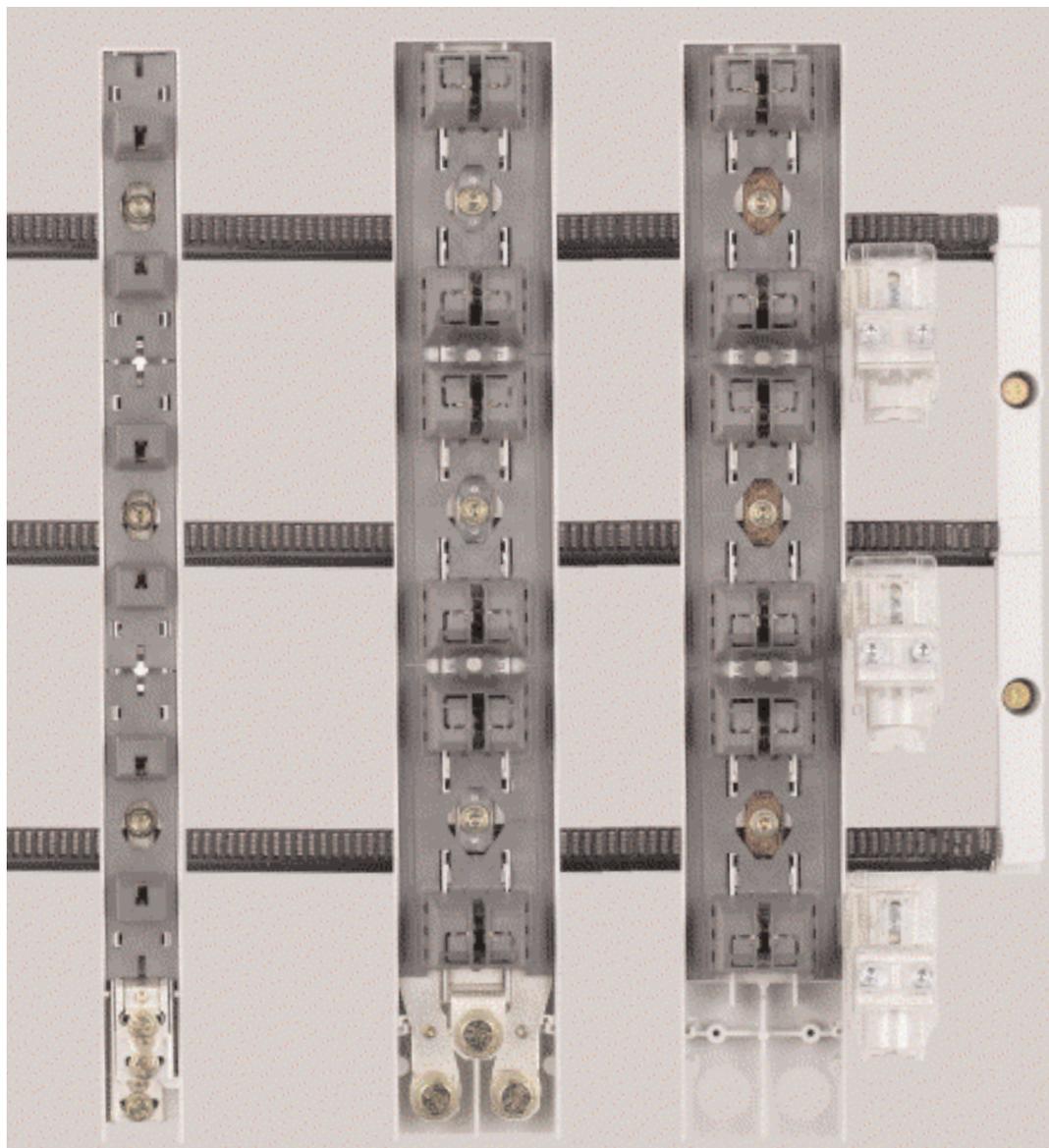
	<b>BXL1000A-1P</b>	<b>BXL1000A-3P</b>	<b>BXL 1250A/1650A-1P</b>	<b>XLBM800A/1250A-1P</b>	<b>XLBM800A/1250A-3P</b>
Fuse link	Solid links 3)	Solid links 3)	Solid links 3)	NH2/3	NH2/3
Rated current	1000 A	1000 A	1250 A 1250 A	800 A 1250 A	800 A
Module width	100 mm	100 mm	200 mm	200 mm	200 mm
Cable Al / Cu mm <sup>2</sup> 1)	2 x 240	2 x 240	4 x 240	4 x 240	4 x 240
Cable terminal 2)	2 x M12	2 x M12	4 x M12	4 x M12	4 x M12
Order code	1SEP102148R0101	1SEP102148R0121	1250A - 1SEP102191R0002 1650A - 1SEP102191R0001	800A - 1SEP102173R0002 1250A - 1SEP102173R0001	800A - 1SEP102174R0002 1250A - 1SEP102174R0001

- 1) Cable lugs in accordance with DIN 46235 and DIN 46239  
Cu-cable lugs must be tin coated
- 2) Cables class B, PEX isolated or similar.
- 3) The Solid links are included

# InLine

## 3. Standard apparatus

BXL disconnecter and XLBM fuse switch disconnecter



	XUBM00-Z	XUBM1/2/3 -Z	XUBM1/2/3 -ZS
Fuse link	NH 00	NH1/2/3	NH1/2/3
Rated current	160 A	250 A 400 A 630 A	250 A 400 A 630 A
Module width	50 mm	100 mm	150 mm
Cable Al / Cu mm <sup>2</sup> 1)	1,5 - 95	95 - 240	50 - 300
Cable terminal	3 x M8 2)	3 x M12 2)	Clamps
Order code	1SEP102110R0201	XUBM1 1SEP102111R0201 XUBM2 1SEP102112R0201 XUBM3 1SEP102113R0201	XUMB1 1SEP102111R0405 XUMB2 1SEP102112R0405 XUMB3 1SEP102113R0405

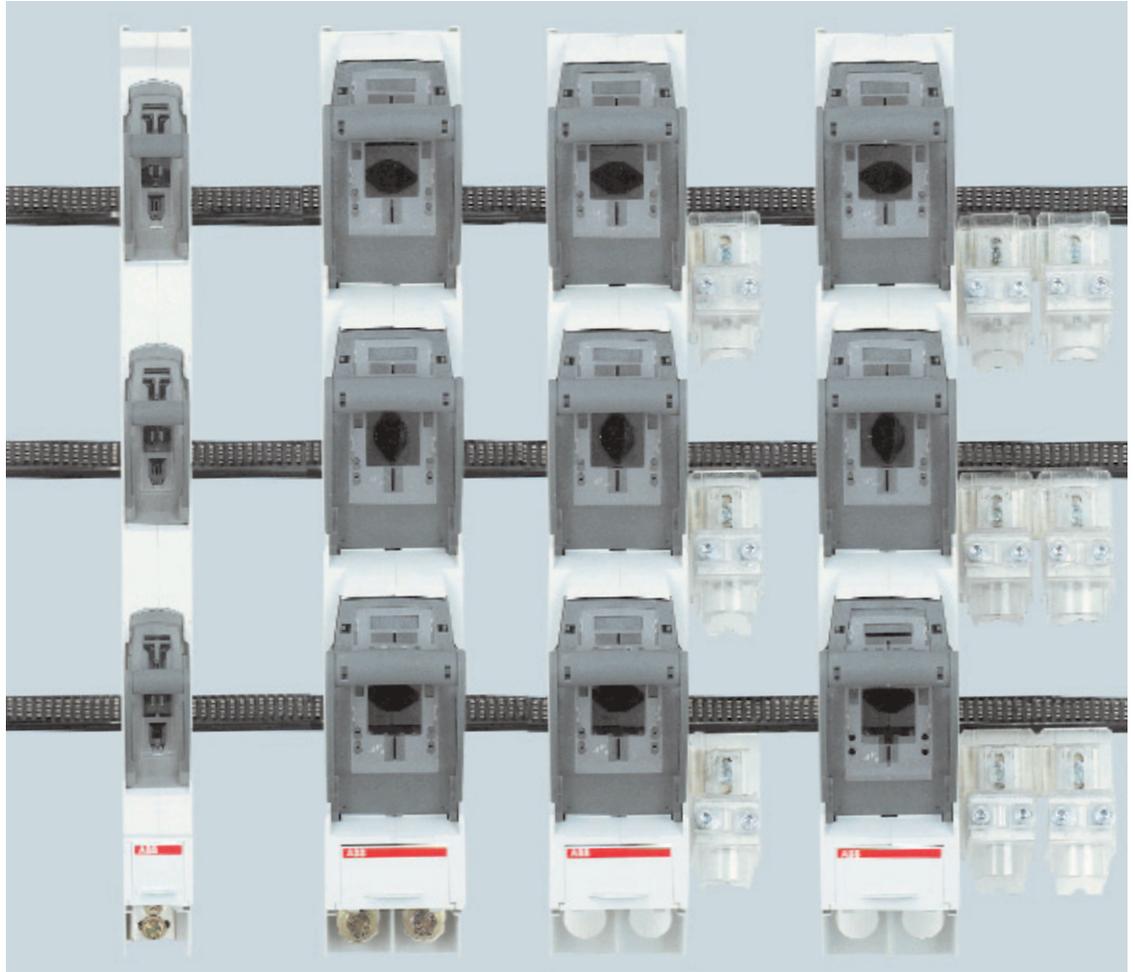
1) Cable lugs in accordance with DIN 46235 and DIN 46239  
Cu-cable lugs must be tin coated

2) Cable clamps are available as accessories

# InLine

## 3. Standard apparatus

### XLBM 1 pole fuse switch disconnecter with hooked clamp



	XLBM00-1P-Z	XLBM1/2/3-1P-Z	XLBM1/2/3-1P-ZS	XLBM1/2/3-1P-Z2S
Fuse link	NH 00	NH1/2/3	NH1/2/3	NH1/2/3
Rated current	160 A	250 A 400 A 630 A	250 A 400 A 630 A	250 A 400 A 630 A
Module width	50 mm	100 mm	150 mm	208
Cable Al / Cu mm <sup>2</sup> 1)	1,5 - 95	95 - 240	50 - 300	2 x 50 - 300
Cable terminal	3 x M8 2)	3 x M12 2)	Clamps	Clamps
Order code	1SEP102140R0201	XLBM1 1SEP102141R0201 XLBM2 1SEP102142R0201 XLBM3 1SEP102143R0201	XLBM1 1SEP102141R0401 XLBM2 1SEP102142R0401 XLBM3 1SEP102143R0401	XLBM1 1SEP102141R0501 XLBM2 1SEP102142R0501 XLBM3 1SEP102143R0501

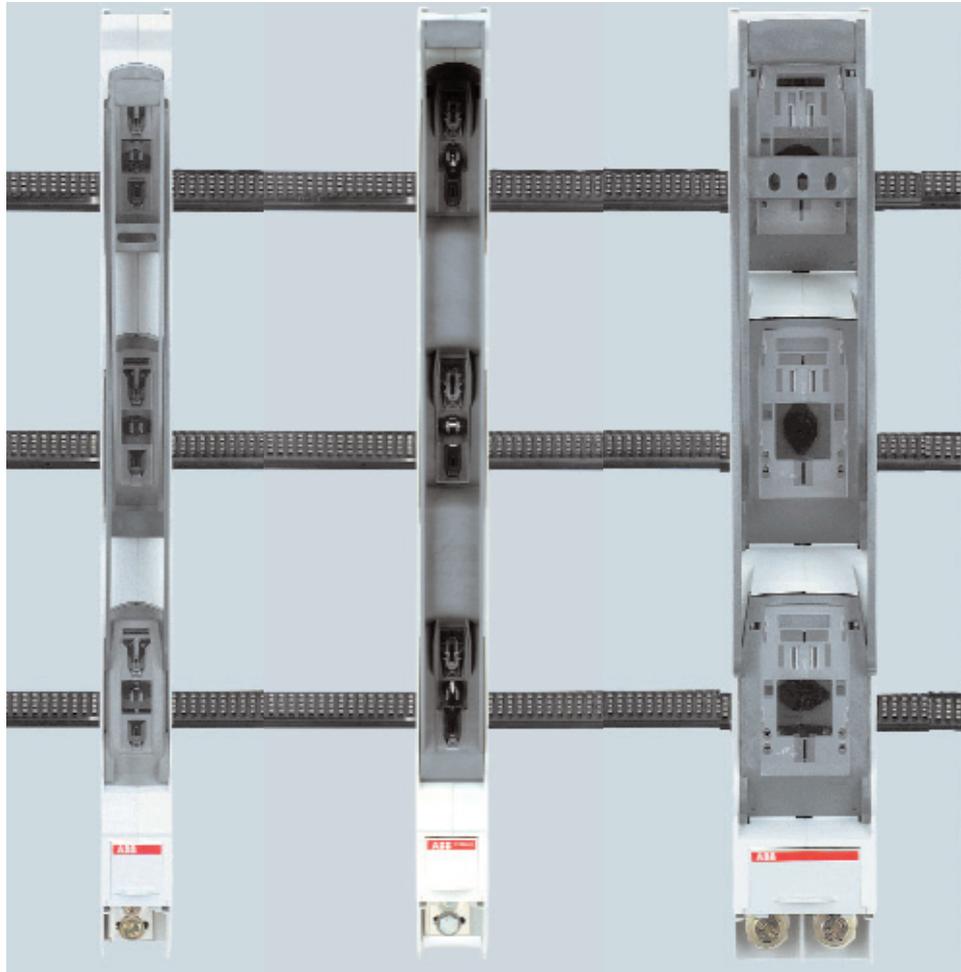
1) Cable lugs in accordance with DIN 46235 and DIN 46239.  
Cu-cable lugs must be tin coated

2) Cable clamps are available as accessories

# InLine

## 3. Standard apparatus

XLBM 3 pole fuse switch disconnecter with hooked clamp



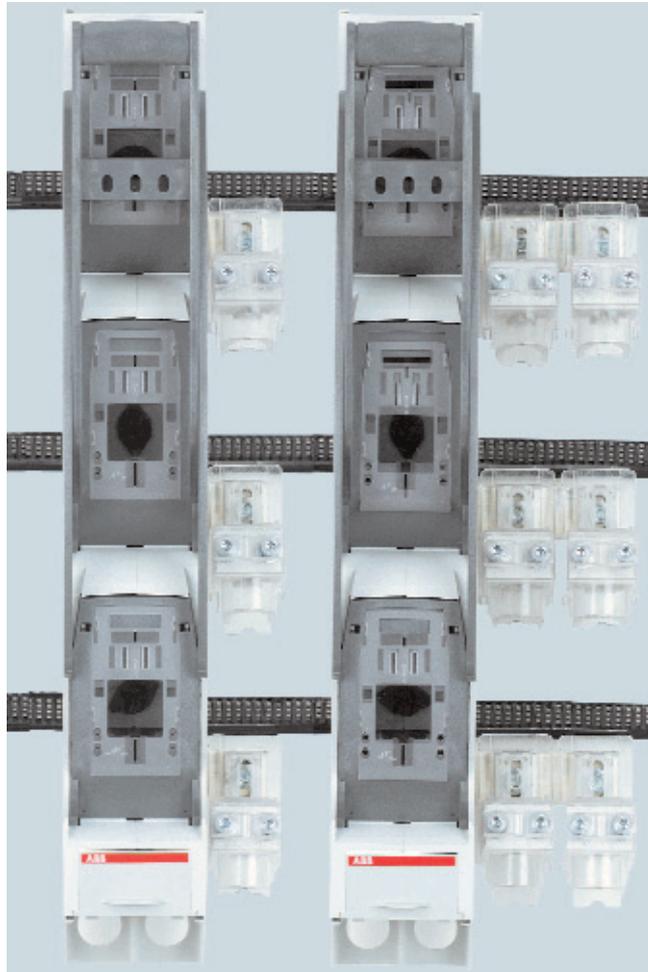
	XLBM00-3P-Z	XLBM00-3PL-Z	XLBM1/2/3-3P-Z
Fuse link	NH 00	NH 00	NH1/2/3
Rated current	160 A	160 A	250 A 400 A 630 A
Module width	50 mm	50 mm	100 mm
Cable Al / Cu mm <sup>2</sup>	1,5 - 95 1)	2,5 - 95 mm <sup>2</sup> / 4 - 95 + 10 - 35	95 - 240 1)
Cable terminal	3 x M8 2)	Clamps 2)	3 x M12 2)
Order code	1SEP102140R0221	with CC 1SEP102140R2143 with DCC 1SEP102140R1244	XLBM1 1SEP102141R0221 XLBM2 1SEP102142R0221 XLBM3 1SEP102143R0221

- 1) Cable lugs in accordance with DIN 46235 and DIN 46239.  
Cu-cable lugs must be tin coated
- 2) Cable clamps are available as accessories

# InLine

## 3. Standard apparatus

### XLBM 3 pole fuse switch disconnecter with hooked clamp



	XLBM1/2/3-3P-ZS	XLBM1/2/3-3P-Z2S
Fuse link	NH1/2/3	NH1/2/3
Rated current	250 A	250 A
	400 A	400 A
	630 A	630 A
Module width	150 mm	208 mm
Cable Al / Cu mm <sup>2</sup> 1)	50 - 300	2 x 50 - 300
Cable terminal	Clamps	Clamps
Order code	XLBM1 1SEP102141R0421	XLBM1 1SEP102141R0521
	XLBM2 1SEP102142R0421	XLBM2 1SEP102142R0521
	XLBM3 1SEP102143R0421	XLBM3 1SEP102143R0521

1) Cable lugs in accordance with DIN 46235 and DIN 46239.  
Cu-cable lugs must be tin coated

2) Cable clamps are available as accessories

# InLine

## 3. Standard apparatus

BXL disconnecter and XLBM fuse switch disconnecter with hooked clamp



	BXL1000A-1P-Z	BXL1000A-3P-Z	XLBM800A/1250A-1P-Z	XLBM800A/1250A-3P-Z
Fuse link	Solid links 3)	Solid links 3)	NH2/3	NH2/3
Rated current	1000 A	1000 A	800 A 1250 A	800 A 1250 A
Module width	100 mm	100 mm	200 mm	200 mm
Cable Al / Cu mm <sup>2</sup> 1)	2 x 240	2 x 240	4 x 240	4 x 240
Cable terminal 2)	2 x M12	2 x M12	4 x M12	4 x M12
Order code	1SEP102148R0201	1SEP102148R0221	800A - 1SEP102173R0004 1250A - 1SEP102173R0003	800A - 1SEP102174R0004 1250A - 1SEP102174R0003

- 1) Cable lugs in accordance with DIN 46235 and DIN 46239  
Cu-cable lugs must be tin coated
- 2) Cables class B, PEX isolated or similar
- 3) The solid links are included

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# InLine

## 4. IP 20 Z-busbars system and accessories

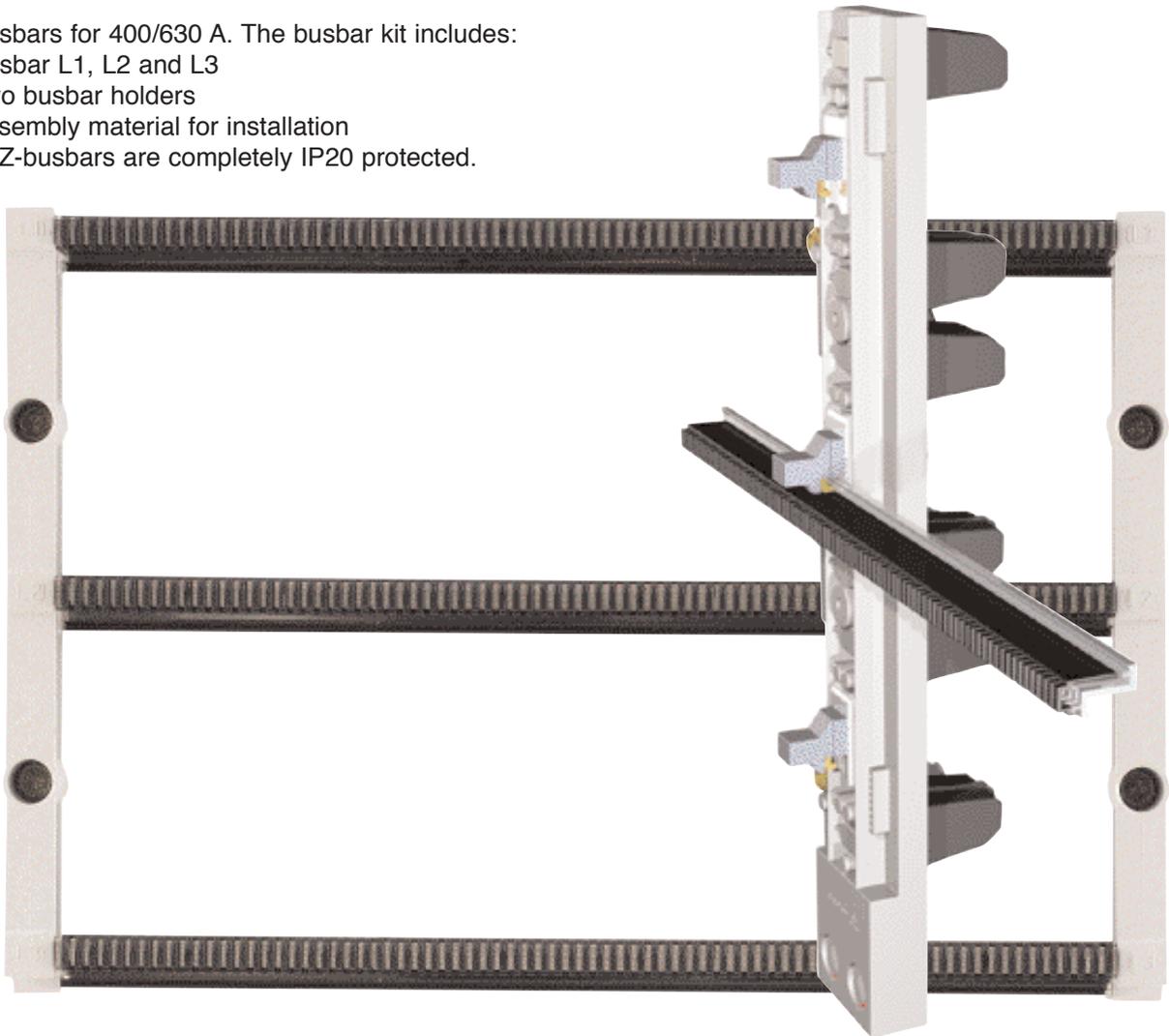
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### IP20 Z-busbars

Z-busbars for 400/630 A. The busbar kit includes:

- Busbar L1, L2 and L3
- Two busbar holders
- Assembly material for installation

The Z-busbars are completely IP20 protected.



### 400 A

Type	Rated current	Width	Order code
DCN00-Z400A/390	400A	390 mm	1SEP201621R0001
DCN0-Z400A/525	400A	525 mm	1SEP201621R0002
DCN1-Z400A/720	400A	720 mm	1SEP201621R0004

### BZ 630 A

Type	Rated current	Width	Order code
DCN0-Z630A/525	630A	525 mm	1SEP201621R0003
DCN1-Z630A/720	630A	720 mm	1SEP201621R0005
DCN2-Z630A/1050	630A	1050 mm	1SEP201621R0006

XUBM-Z and XLBM-Z may be hooked on:

- Z busbars
- Standard flat busbars, Al/Cu

Fits polyester cable distribution cabinets produced from 2006.

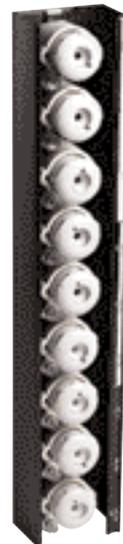
# InLine

## 4. IP20 Z-busbar system and accessories

### Modules with hooked clamp (Z)



### Diazed fuse rail



### Feeding clamp for IP20 Z-busbar



	AKZD 95	AKKZ 300	LDL 63/3
Rated current	160 A	630 A	63 A
Module width	35 mm	55 mm	105 mm
Cable Al / Cu mm <sup>2</sup>	6 - 95 / 2 x 6 - 50	50 - 300	6 - 25
Order code	1SEP731594R0001	1SEP731521R0001	1SEP731530R0001

# InLine

## 5. Accessories

### Electronic Fuse Monitoring (EFM)



#### Electronic Fuse Monitoring

The fuse monitor is a fuse blown monitoring and indication device. The voltage supply to the internal electronic device is supported directly by connection to the internal fuse holders.

In case of a blown fuse, the internal relay will trip for giving possible remote alarm. Additionally the green LED lamp in the front will change to red.

After replacement to a new fuse link, the relay will automatically be reset.

NOTE: The fuse monitor requires supply from the busbar side.

#### Technical data :

Minimum operation voltage:	380
Maximum operation voltage:	690V
Uimp over a blown fuse :	12,3 kV
Uimp between phases :	9.8 kV
Uimp between main circuit/ relay contacts. :	9.8 kV
Dielectric test voltage input / output :	3.5 kV / 50 Hz / 1 minute
Electrostatic Discharge :	EN61000-4-2 +/- 4 kV.
Electrical Fast Transient:	EN61000-4-4 +/- 2 kV
Conducted Fast transient:	EN61000-4-6 10Vrms / 150kHz - 80 MHz
Wire size :	15 mm <sup>2</sup>
EMC tested:	Yes

#### Relay:

Nominal current:	8 amp
Nominal switching capacity:	2000VA, AC1
Maximum switching voltage:	440V AC, 250V DC

The matrix below show all possible cases of indication

Status	XLBM-3P EFM	LED Green		LED Red		NO contact 13,14		NC contact 11, 12			
		Fuse Status	Voltage Phases	Illuminated	Not Illuminated	Illuminated	Not Illuminated	Open	Closed	Open	Closed
<b>1. Disconnecter closed:</b>											
Fuses OK	Phases OK		x			x		x			x
Fuses OK	1 Phase loss		x (L1)	x (L2, L3)		x		x			x
Fuses OK	2-3 Phases loss			x		x		x			x
Fuses BLOWN	Phases OK			x	x				x	x	
Fuses BLOWN	1 Phase loss			x	x (L1)	x (L2, L3)		x (L2, L3)	x (L1)	x (L1)	x(L2, L3)
Fuses BLOWN	2-3 Phases loss			x		x		x			x
<b>2. Disconnecter open:</b>											
Fuses OK	Phases OK			x		x		x			x
Fuses OK	Phase loss			x		x		x			x
Fuses BLOWN	Phases OK			x		x		x			x
Fuses BLOWN	Phase loss			x		x		x			x

x (L1) : The case if Phase L1 is lost.

x (L2,L3) : The case if Phase L2 or L3 or both are lost.

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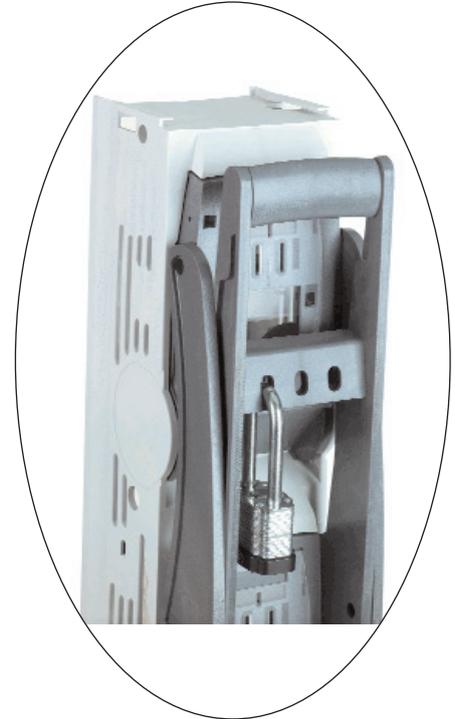
# InLine

## 5. Accessories

Common features XLBM

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Sealing



Padlock – closed position

Voltage measurement

Interlocked by use of cable shroud



Padlock – open position

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# InLine

## 5. Accessories

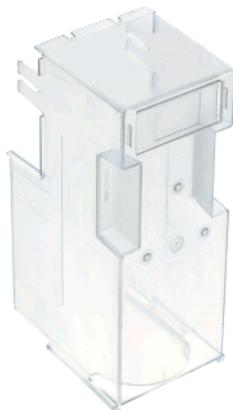
Accessories XUBM

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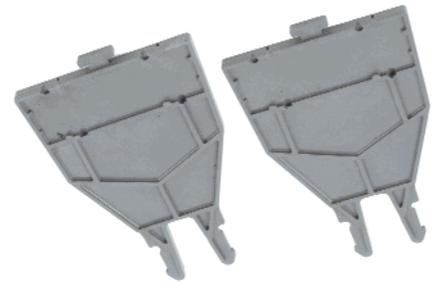
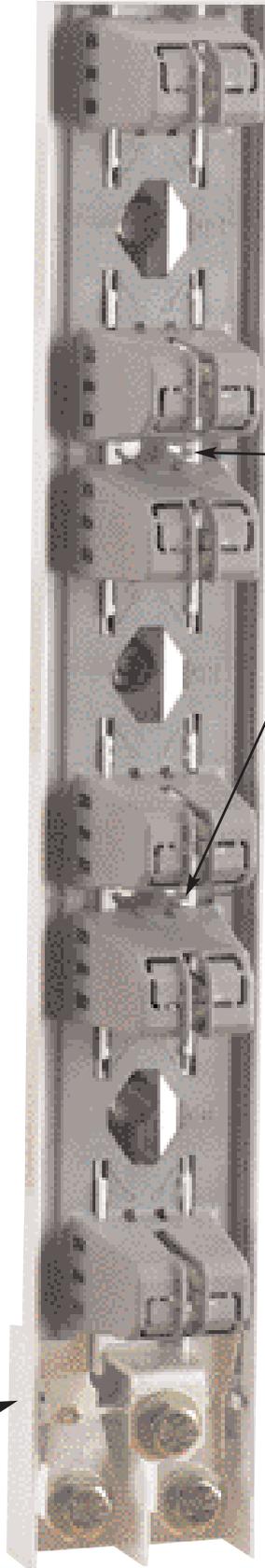


### Fuse protection cover

- IP20 protection during service work
- require phase barrier kit



### Cable shroud



### Phase barrier kit

- for segregation of each phase
- possibility for outlet description

# InLine

## 5. Accessories

Current metering

**Selector switch**  
– installed in the label holder

**Ammeter house**

- available for size 00 (48x48) and size 1/2/3 (72x72)
- extendable

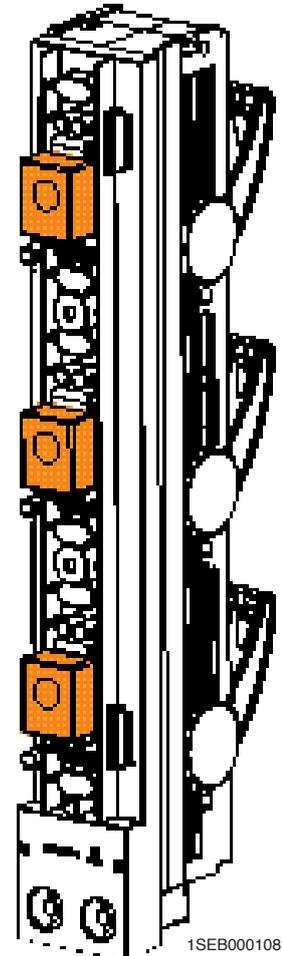


**Front cover installation**

- compact fuse for CT and plug-in ammeter
- available for size 1/2

**Terminal installation**

- kit including extension bar and CT for 1 phase
- available for size 1/2/3



1SEB000108

**Rear side installation**

- kit including extension bar and CT for 3 phases

# InLine

## 5. Accessories

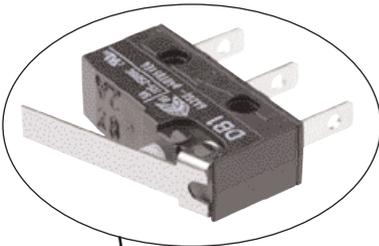
Accessories XLBM



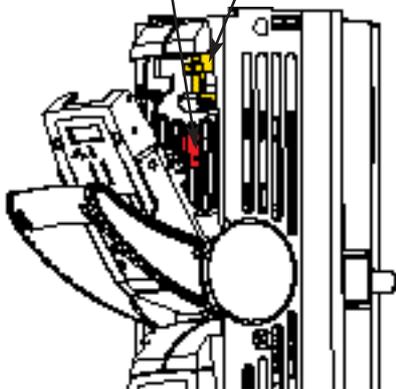
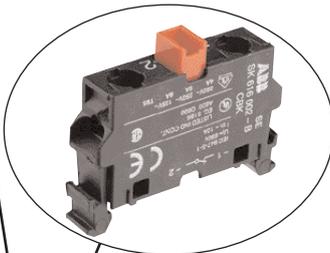
**Label holder**

### Micro switch

– one or two per phase



### Auxiliary switch



1SEB000100



### Huckepack

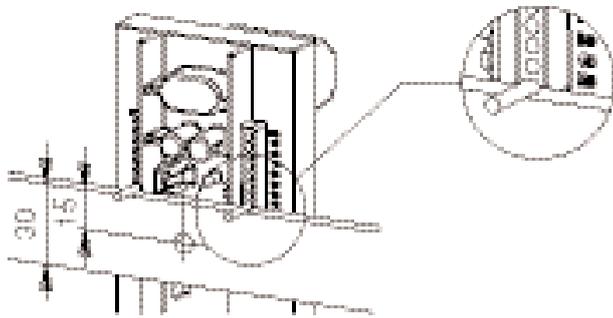
– for temporary additional output



**Cable shroud**

# InLine

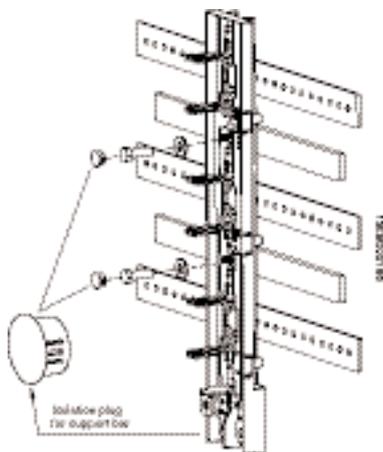
## 6. Installation



1SEB000104

### Guide marks

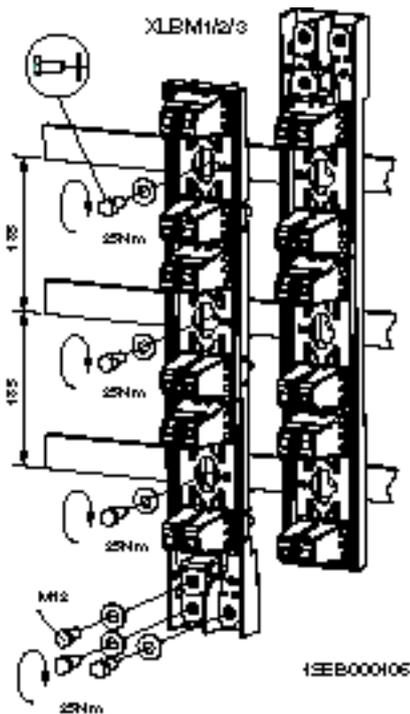
In the back of the fuse rail it is printed «guide marks». This makes it easier to mark drilling holes in the busbars.



### Isolation plugs

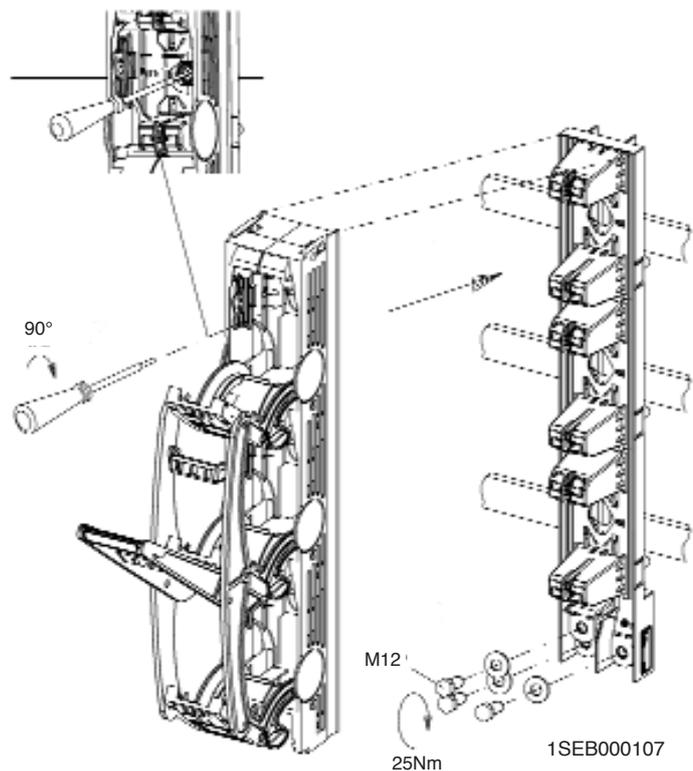
By use of support bars, XLBM123 Isolation plugs for support busbars (1SEP408429R0001) must be used.

### Top/bottom cable termination



1SEB000106

### Fixing the fuse switch housing



25Nm

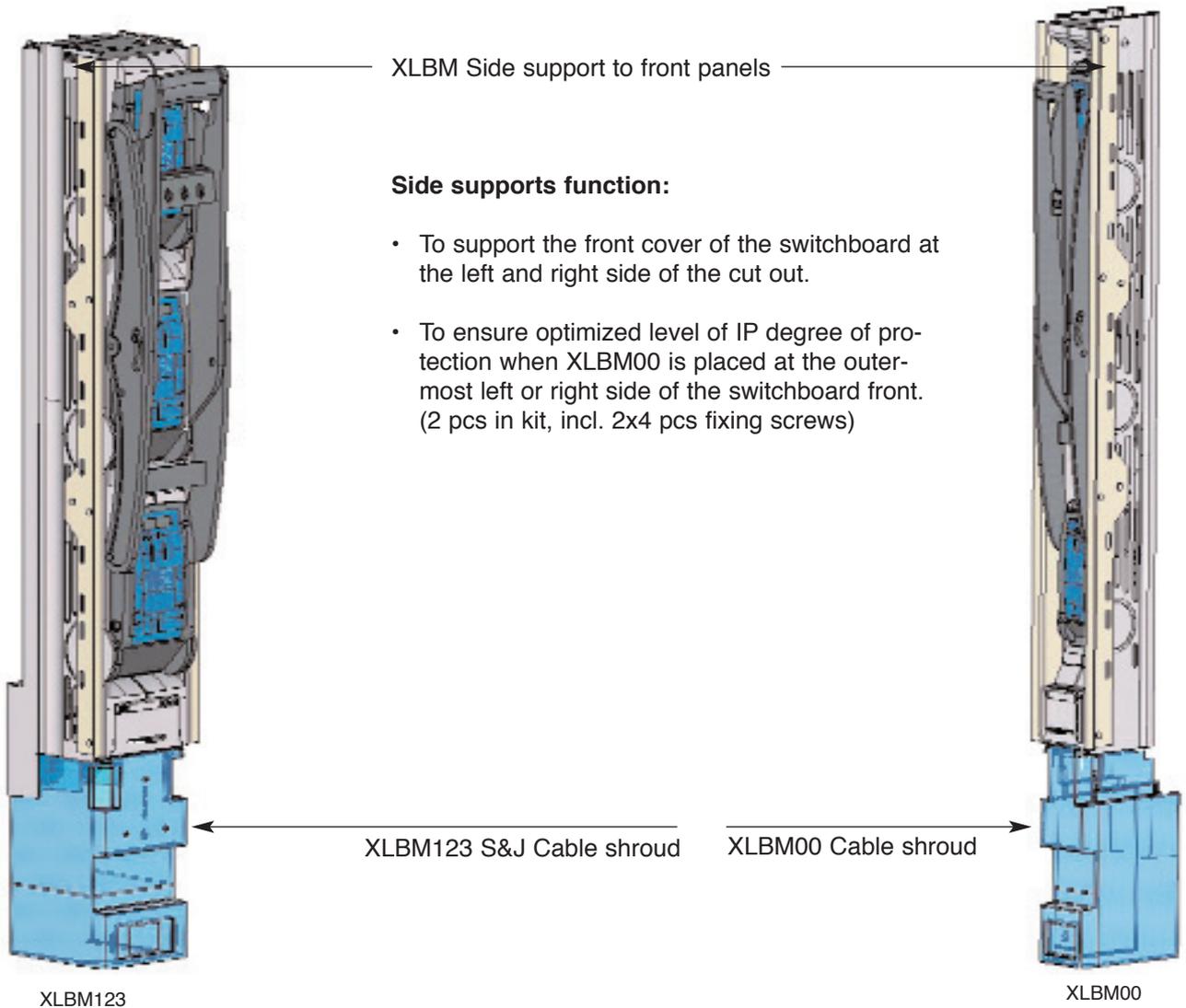
1SEB000107

# InLine

## 5. Accessories

Switchboard applications

### Applications for installation in switchboard systems.

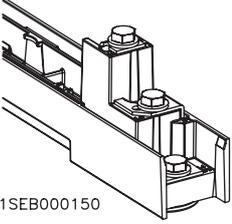
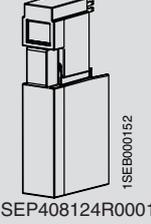
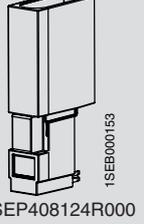
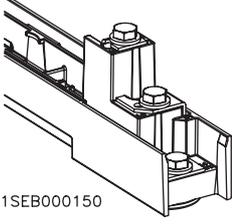
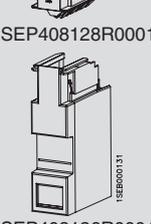
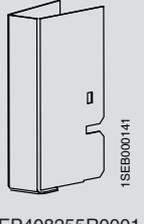
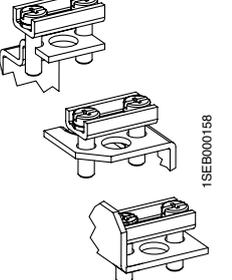
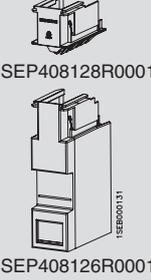
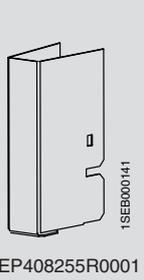
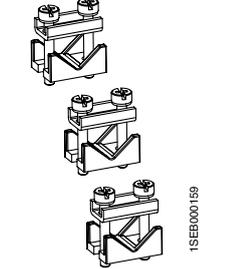
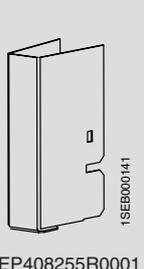
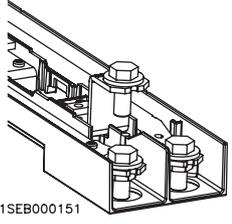
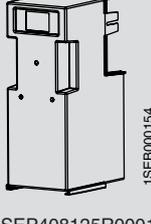
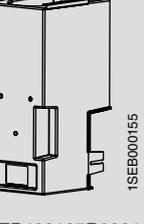


Type designation	Suitable for	Order code
XLBM00 Cable shroud H=185mm	XLBM00	1SEP408126R0001
XLBM123 Cable shroud for S&J	XLBM1,2,3	1SEP408418R0001
XLBM Side support to front panels	XLBM00,1,2,3	1SEP408416R0001

# InLine

## 5. Accessories

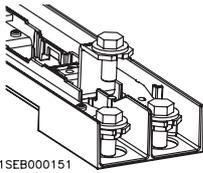
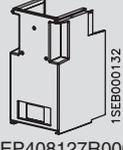
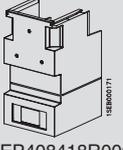
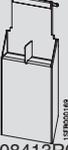
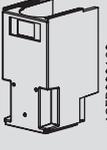
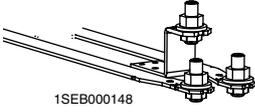
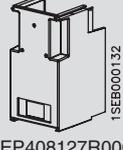
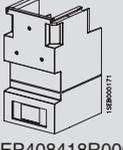
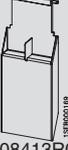
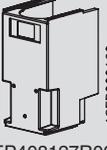
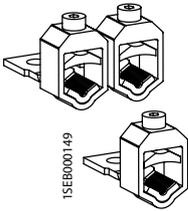
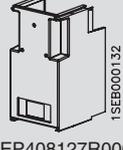
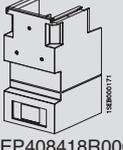
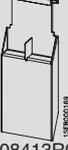
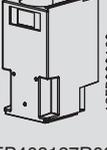
### Cable termination and cable shroud

	Type of clamp/bolt w/order code	Conductor cross section min-max				
		Rm/Sm mm <sup>2</sup>	Re/Se mm <sup>2</sup>	Torque (Nm)	Type of cable shroud down w/order code	Type of cable shroud up w/order code
<b>XUBM00</b>						
 1SEB000150	Bolt (Standard)	Max 95	Max 95	10	 1SEP408124R0001	 1SEP408124R000
<b>XLBM00</b>						
 1SEB000150	Bolt (Standard)	Max 95	Max 95	10	 1SEP408128R0001	 1SEP408255R0001
 1SEB000158	Bridge Clamp (BC) 1SEP407733R0001	1,5 - 50	1,5 - 50	3,5	 1SEP408128R0001	 1SEP408255R0001
 1SEB000159	Single Prism Clamp (SPC) 1SEP407732R0005	1,5 - 95	1,5 - 95	3,5	 1SEP408128R0001	 1SEP408255R0001
<b>XUBM1/2/3</b>						
 1SEB000151	Bolt (Standard)	Max 240	Max 240	25	 1SEP408125R0001	 1SEP408125R0001

# InLine

## 5. Accessories

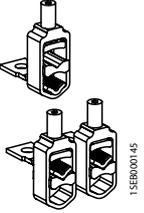
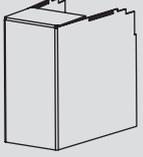
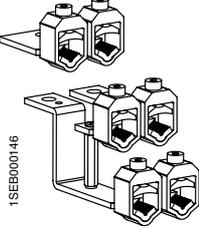
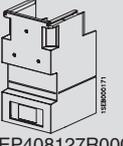
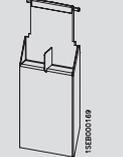
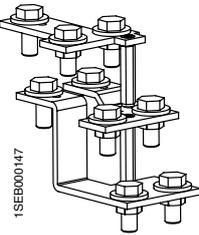
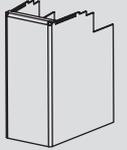
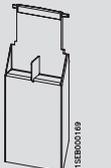
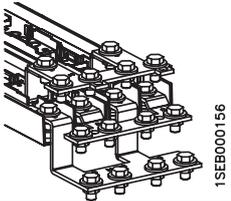
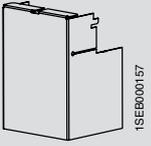
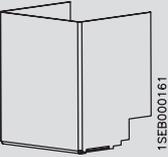
### Cable termination and cable shroud

	Type of clamp/bolt w/order code	Conductor cross section min-max				
		Rm/Sm mm <sup>2</sup>	Re/Se mm <sup>2</sup>	Torque (Nm)	Type of cable shroud down w/order code	Type of cable shroud up w/order code
<b>XLBM1/2/3</b>						
	Bolt (Standard) 1SEB000151	Max 240	Max 240	25	 1SEP408127R0001  1SEP408418R0001  1SEP408413R0002/3	 1SEP408127R0001
	M12 Term. stud bolts 1SEP408259R0001	Max 240	Max 240	25	 1SEP408127R0001  1SEP408418R0001  1SEP408413R0002/3	 1SEP408127R0001
	V-clamp kit NOTE! Pressure pad can be turned 1SEP304446R0001	Rm: 16 - 35 + 50 - 185 Sm: 35 - 50 + 70 - 240	Re: 16 - 70 + 70 - 150 Se: 35 - 70 + 95 - 300	25	 1SEP408127R0001  1SEP408418R0001  1SEP408413R0002/3	 1SEP408127R0001

# InLine

## 5. Accessories

### Cable termination and cable shroud

	Type of clamp/bolt w/order code	Conductor cross section min-max				
		Rm/Sm mm <sup>2</sup>	Re/Se mm <sup>2</sup>	Torque (Nm)	Type of cable shroud down w/order code	Type of cable shroud up w/order code
<b>XLBM1/2/3</b>						
	Double V-clamp kit for CDC 1SEP304457R0001	Rm: 2 x 50 - 185 Sm: 2 x 95 - 240	Re: 2 x 70 - 240 Se: 2 x 120 - 300	22	 1SEP304526R0001	
	Double V-clamp kit for switchboards 1SEP408268R0001	Rm: 2 x 16 - 35/ 2 x 50 - 185 Sm: 2 x 35 - 50/ 2 x 70 - 240	Re: 2 x 16 - 70/ 2 x 70 - 150 Se: 2 x 35 - 70/ 2 x 95 - 300	25	 1SEP408261R0001  1SEP408127R0001  1SEP408413R0002/3	
<b>XLBM123 and BXL1000A</b>						
	Double cable lug kit 1SEP304546R0001	2 x Max 240	2 x Max 240	25	 1SEP408261R0001  1SEP408413R0002/3	
<b>XLBM800A/1250A-BXL1250A/1600A</b>						
	Bolt (Standard) 1SEP000156	4 x Max 240	4 x Max 240	25	 1SEP408310R0001	 1SEP408339R0001

# InLine

## 7. Technical data

XUBM Fuse rails					
		XUBM00	XUBM1	XUBM2	XUBM3
For HRC fuse links acc. to IEC 60269-2-1.		00	1	2	3
Rated operational voltage U <sub>e</sub>	(V)	690	690	690	690
Rated operational current I <sub>e</sub>	(A)	160	250	400	630
Rated insulation voltage U <sub>i</sub>	(V)	1000	1000	1000	1000
Conditional short circuit current - w/ fuse links	(kArms)	50	50	50	50
Rated frequency.	(Hz)	50 - 60	50 - 60	50 - 60	50 - 60
Degree of protection from the front acc. to IEC 60529. *)		IP 20	IP 20	IP 20	IP 20

\*) With fuse protection cover or isolated gripping lugs

XLBM Fuse switch disconnecter													
		XLBM00			XLBM1			XLBM2			XLBM3		
For HRC fuse links acc. to IEC 60269-2-1.		00			1			2			3		
Rated operational voltage U <sub>e</sub>	(V)	400	500	690	400	500	690	400	500	690	400	500	690
Rated operational current I <sub>e</sub>	(A)	160	160	125	250	250	200	400	400	315	630	630	500
Thermal current w/fuse link I <sub>th</sub>	(A)	160			250			400			630		
Rated insulation voltage U <sub>i</sub>	(V)	1000			1000			1000			1000		
Rated impulse withstand voltage U <sub>imp</sub>	(kV)	8			8			8			8		
Fuse protected short circuit withstand	(kArms)	50			50			50			50		
Fuse protected short circuit making	(kArms)	50			50			50			50		
Rated making and breaking capacity:		AC23B	AC22B	AC21B									
Rated frequency.	(Hz)	50 - 60			50 - 60			50 - 60			50 - 60		
Power losses at I <sub>th</sub> without fuse-link	(W)	19,5			27			47			104		
Degree of protection from the front acc. to IEC 60529.	Open	IP 20											
	Closed	IP 30											

XLBM Fuse switch disconnecter													
XLBM00-3PL													
For HRC fuse links acc. to IEC 60269-2-1.		00											
Rated operational voltage U <sub>e</sub>	(V)	400			500								
Rated operational current I <sub>e</sub>	(A)	160											
Thermal current w/fuse link I <sub>th</sub>	(A)	160											
Rated insulation voltage U <sub>i</sub>	(V)	1000											
Rated impulse withstand voltage U <sub>imp</sub>	(kV)	8											
Fuse protected short circuit withstand	(kArms)	50											
Fuse protected short circuit making	(kArms)	50											
Rated making and breaking capacity:		AC23B			AC22B								
Rated frequency.	(Hz)	50 - 60											
Power losses at I <sub>th</sub> without fuse-link	(W)	19,5											
Degree of protection from the front acc. to IEC 60529.	Open	IP 20											
	Closed	IP 30											

# InLine

## 7. Technical data

### XLBM Fuse switch disconnecter

		XLBM800A	XLBM1250A
For HRC fuse links acc. to IEC 60269-2-1.		2	3
Rated operational voltage Ue	(V)	500	500
Rated operational current Ie	(A)	800	1250
Thermal current w/fuse link Ith	(A)	800	1250
Rated insulation voltage Ui	(V)	1000	1000
Rated impulse withstand voltage Uimp	(kV)	8	8
Fuse protected short circuit withstand	(kArms)	50	50
Fuse protected short circuit making	(kArms)	50	50
Rated making and breaking capacity:		AC21B	AC21B
Rated frequency.	(Hz)	50 - 60	50 - 60
Power losses at Ith without fuse-link	(W)	94	208
Degree of protection from the front	Open	IP 20	IP 20
acc. to IEC 60529.	Closed	IP 30	IP 30

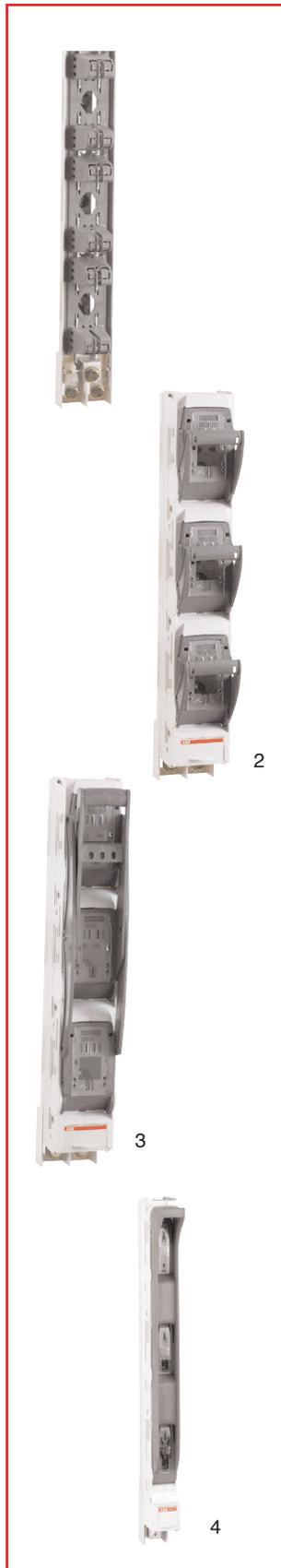
### BXL Disconnecter

		BXL1000A	BXL1250A	BXL1600A
Rated operational voltage Ue	(V)	500	500	500
Rated operational current Ie	(A)	1000	1250	1600
Thermal current w/solid link Ith	(A)	1000	1250	1600
Rated insulation voltage Ui	(V)	1000	1000	1000
Rated impulse withstand voltage Uimp	(kV)	8	8	8
Rated making and breaking capacity		AC20B	AC20B	AC20B
Rated frequency	(Hz)	50 - 60	50 - 60	50 - 60
Power losses at Ith without solid links	(W)		208	
Degree of protection from the front	Open	IP 20	IP 20	IP 20
acc. to IEC 60529.	Closed	IP 30	IP30	IP 30
Short time withstand current (1 sec.)	(kArms)	1P = 12 3P = 12	1P = 12	1P = 12
		3P = 20 w/padlock		

# InLine

## 8. Ordering tables

XUBM / XLBM / BXL



Type	Designation	Item Description	Order code	Weight Per Unit (Kg)	
<b>Fuse rail - XUBM</b>					
1	XUBM00	160A incl. 3M8 bolts	1SEP102110R0101	1,5	
	XUBM1	250A incl. 3M12 bolts	1SEP102111R0101	2,9	
	XUBM2	400A incl. 3M12 bolts	1SEP102112R0101	3,4	
	XUBM3	630A incl. 3M12 bolts	1SEP102113R0101	3,9	
<b>Fuse switch disconnecter - XLBM 1pole</b>					
2	XLBM00-1P	160A 1 pole, incl. 3M8 bolts	1SEP102140R0101	2,2	
	XLBM00-1P-EFM	160A 1 pole, incl. EFM, incl. 3M8	1SEP102140R0111	2,3	
	XLBM1-1P	250A 1 pole, incl. 3M12 bolts	1SEP102141R0101	4,2	
	XLBM1-1P-EFM	250A 1 pole, incl. EFM, incl. 3M12 bolts	1SEP102141R0111	4,4	
	XLBM1-1P-L	250A 1 pole, incl. 3x M12 bolts with front cable shroud	1SEP102141R9101		
	XLBM2-1P	400A 1 pole, incl. 3M12 bolts	1SEP102142R0101	4,7	
	XLBM2-1P-EFM	400A 1 pole, incl. EFM, incl. 3M12 bolts	1SEP102142R0111	4,9	
	XLBM2-1P-L	400A 1 pole, incl. 3x M12 bolts with front cable shroud	1SEP102142R9101		
	XLBM2-1P 42 pcs in pallet	400A 1pole, incl. 3x M12 bolts	1SEP102142R8101		
	XLBM3-1P	630A 1 pole, incl. 3M12 bolts	1SEP102143R0101	5,2	
	XLBM3-1P-EFM	630A 1 pole, incl. EFM, incl. 3M12 bolts	1SEP102143R0111	5,4	
	XLBM3-1P-L	630A 1 pole, incl. 3x M12 bolts with front cable shroud	1SEP102143R9101		
	XLBM3-1P 42 pcs in pallet	630A 1 pole, incl. 3x M12 bolts	1SEP102143R8101		
	XLBM800A-1P	800A 1 pole, incl. 4x3 M12 bolts	1SEP102173R0002	11,8	
	XLBM1250A-1P	1250A 1 pole, incl. 4x3 M12 bolts	1SEP102173R0001	12,3	
	<b>Fuse switch disconnecter - XLBM 3pole</b>				
4	XLBM00-3P	160A 3 pole, incl. 3M8	1SEP102140R0121	2,3	
	XLBM00-3P-100	160A 3 pole, 100mm busbardist. incl. 3M8	1SEP101818R0002	1,6	
	XLBM00-3P-EFM	160A 3 pole, incl. EFM, incl. 3M8	1SEP102140R0131	2,4	
	XLBM00-3P, 100 pcs in pallet	160A 3 pole, incl. 3x M8 bolts	1SEP102140R812		
	XLBM00-3PL-CC	160A 3 pole, incl. 3 cable clamps	1SEP102140R0143	2,6	
	3	XLBM1-3P	250A 3 pole, incl. 3M12	1SEP102141R0121	4,3
		XLBM1-3P-EFM	250A 3 pole, incl. EFM, incl. 3M12	1SEP102141R0131	4,5
		XLBM1-3P-L	250A 3 pole, incl. 3x M12 bolts with front cable shroud	1SEP102141R9121	
	3	XLBM2-3P	400A 3 pole, incl. 3M12	1SEP102142R0121	4,8
		XLBM2-3P-EFM	400A 3 pole, incl. EFM, incl. 3M12	1SEP102142R0131	5,0
		XLBM2-3P-L	400A 3 pole, incl. 3x M12 bolts with front cable shroud	1SEP102142R9121	
		XLBM2-3P 42 pcs in pallet	400A 3 pole, incl. 3x M12 bolts	1SEP102142R8121	
XLBM3-3P		630A 3 pole, incl. 3M12	1SEP102143R0121	5,3	
XLBM3-3P-EFM		630A 3 pole, incl. EFM, incl. 3M12	1SEP102143R0131	5,5	
XLBM3-3P-L		630A 3 pole, incl. 3x M12 bolts with front cable shroud	1SEP102143R9121		
XLBM3-3P 42 pcs in pallet		630A 3 pole, incl. 3x M12 bolts	1SEP102143R8121		
XLBM800A-3P		800A 3 pole, incl. 4x3 M12 bolts	1SEP102174R0002	11,7	
XLBM1250A-3P	1250A 3 pole, incl. 4x3 M12 bolts	1SEP102174R0001	12,2		
<b>Disconnecter - BXL</b>					
	BXL1000A-1P	1000A 1 pole, incl. 2x3 M12 bolts	1SEP102148R0101	5,9	
	BXL1000A-3P	1000A 3 pole, incl. 2x3 M12 bolts	1SEP102148R0121	6,0	
	BXL1250A-1P	1250A 1 pole, incl. 4x3 M12 bolts	1SEP102191R0002	12,3	
	BXL1600A-1P	1600A 1 pole, incl. 4x3 M12 bolts	1SEP102191R0001	12,3	

# InLine

## 8. Ordering tables

### XUBM / XLBM with hooked clamps



Type	Designation	Item Description	Order code	Weight Per Unit (Kg)
<b>Fuse rail - XUBM with hooked clamp (Z)</b>				
	XUBM00-Z	160A w. hooked clamp, incl. 3M8	1SEP102110R0201	1,7
	XUBM1-Z	250A w. hooked clamp, incl. 3M12	1SEP102111R0201	3,2
	XUBM1-ZS	250A w. hooked clamp, side connection, incl. 3 clamps	1SEP102111R0405	3,2
1	XUBM2-Z	400A w. hooked clamp, incl. 3M12	1SEP102112R0201	3,8
	XUBM2-ZS	400A w. hooked clamp, side connection, incl. 3 clamps	1SEP102112R0405	3,7
	XUBM3-Z	630A w. hooked clamp, incl. 3M12	1SEP102113R0201	4,2
	XUBM3-ZS	630A w. hooked clamp, side connection, incl. 3M12	1SEP102113R0405	4,1
<b>Fuse switch disconnecter - XLBM 1pole with hooked clamp (Z)</b>				
	XLBM00-1P-Z	160A 1 pole, w. hooked clamp, incl. 3M8	1SEP102140R0201	2,4
	XLBM00-1P-EFM-Z	160A 1 pole, incl. EFM, w. hooked clamp, incl. 3M8	1SEP102140R0211	2,5
	XLBM1-1P-Z	250A 1 pole, w. hooked clamp, incl. 3M12	1SEP102141R0201	4,5
	XLBM1-1P-EFM-Z	250A 1 pole, incl. EFM, w. hooked clamp, incl. 3M12	1SEP102141R0211	4,7
	XLBM1-1P-ZS	250A 1 pole, w. hooked clamp, side connection, incl. 3 clamps	1SEP102141R0401	4,5
2	XLBM1-1P-Z2S	250A 1 pole, w. hooked clamp, double side connection, incl. 6 clamps	1SEP102141R0501	5,8
	XLBM2-1P-Z	400A 1 pole, w. hooked clamp, incl. 3M12	1SEP102142R0201	5,1
	XLBM2-1P-EFM-Z	400A 1 pole, incl. EFM, w. hooked clamp, incl. 3M12	1SEP102142R0211	4,9
	XLBM2-1P-ZS	400A 1 pole, w. hooked clamp, side connection, incl. 3 clamps	1SEP102142R0401	5,0
	XLBM2-1P-Z2S	400A 1 pole, w. hooked clamp, double side connection, incl. 6 clamps	1SEP102142R0501	6,3
	XLBM3-1P-Z	630A 1 pole, w. hooked clamp, incl. 3M12	1SEP102143R0201	5,5
	XLBM3-1P-EFM-Z	630A 1 pole, incl. EFM, w. hooked clamp, incl. 3M12	1SEP102143R0211	5,7
	XLBM3-1P-ZS	630A 1 pole, w. hooked clamp, side connection, incl. 3 clamps	1SEP102143R0401	5,4
	XLBM3-1P-Z2S	630A 1 pole, w. hooked clamp, double side connection, incl. 6 clamps	1SEP102143R0501	6,7
3	XLBM800A-1P-Z	800A 1 pole, w. hooked clamp, incl. 4x3 M12 bolts	1SEP102173R0004	12,1
	XLBM1250A-1P-Z	1250A 3 pole, w. hooked clamp, incl. 4x3 M12 bolts	1SEP102173R0003	12,6

**Explanation:**

Designation	Description
XUBM	Fuse rail
XLBM	Fuse switch disconnecter
XLBM-2	Apparatus size
XUBM-2-R	Fuse rail without contact shrouds
XLBM-2-1P	Number of operating poles
XLBM-2-1P-EFM	Electronic fuse monitoring
XLBM-2-Z	Hooked clamp
XLBM-2-ZS	Hooked clamp and side connection
XLBM-2-Z2S	Hooked clamp and double side connection

**XLBM2-1P-EFM-Z2S**

# InLine

## 8. Ordering tables

### XLBM / BXL with hooked clamps

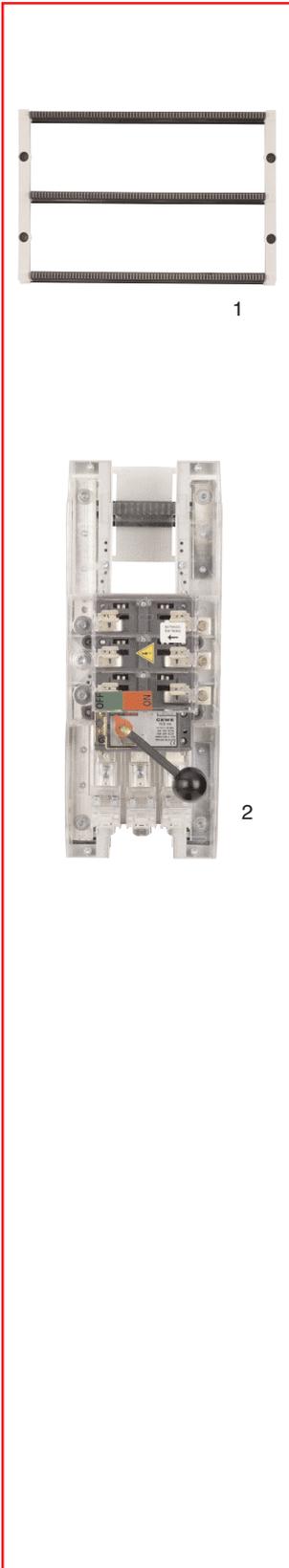


Type	Designation	Item Description	Order code	Weight Per Unit (Kg)
<b>Fuse switch disconnecter - XLBM 3pole with hooked clamp (Z)</b>				
	XLBM00-3P-Z	160A 3 pole, w. hooked clamp, incl. 3M8	1SEP102140R0221	2,5
	XLBM00-3P-Z	160A 3pole, w. hooked clamp, incl. 3x M8 bolts	1SEP102140R8221	
	XLBM00-3P-EFM-Z	160A 3 pole, incl. EFM, w. hooked clamp, incl. 3M8	1SEP102140R0231	2,6
	XLBM00-3P-EFM-Z-CC	160A 3pole, incl. EFM, w. hooked clamp, incl. 3x cable clamp	1SEP102140R1233	
	XLBM00-3PL-Z-CC	160A 3pole, botton hinged, w. hooked clamp, incl. 3x cable clamp	1SEP102140R1243	2,7
	XLBM00-3PL-Z-DCC	160A 3pole, botton hinged, w. hooked clamp, incl. 3x double cable clamp	1SEP102140R1244	2,7
	XLBM00-3PL-ZT-CC	160A 3pole, botton hinged w. hooked clamp, top cable connection, incl. 3x cable clamps	1SEP102140R1743	2,7
	XLBM1-3P-Z	250A 3 pole, w. hooked clamp, incl. 3M12	1SEP102141R0221	4,6
	XLBM1-3P-EFM-Z	250A 3 pole, incl. EFM, w. hooked clamp, incl. 3M12	1SEP102141R0231	4,8
1	XLBM1-3P-ZS	250A 3 pole, w. hooked clamp, side connection, incl. 3 clamps	1SEP102141R0421	4,6
	XLBM1-3P-Z2S	250A 3 pole, w. hooked clamp, double side connection, incl. 6 clamps	1SEP102141R0521	5,8
	XLBM2-3P-Z	400A 3 pole, w. hooked clamp, incl. 3M12	1SEP102142R0221	5,2
	XLBM2-3P-EFM-Z	400A 3 pole, incl. EFM, w. hooked clamp, incl. 3M12	1SEP102142R0231	5,4
	XLBM2-3P-ZS	400A 3 pole, w. hooked clamp, side connection, incl. 3 clamps	1SEP102142R0421	5,1
	XLBM2-3P-Z2S	400A 3 pole, w. hooked clamp, double side connection, incl. 6 clamps	1SEP102142R0521	6,3
	XLBM2-3P-Z	400A 3pole, w. hooked clamp, incl. 3x M12 bolts	1SEP102142R8221	
	XLBM2-3P-ZS	400A 3pole, w. hooked clamp, incl. 3x M12 bolts	1SEP102142R8421	
	XLBM3-3P-Z	630A 3 pole, w. hooked clamp, incl. 3M12	1SEP102143R0221	5,6
	XLBM3-3P-EFM-Z	630A 3 pole, incl. EFM, w. hooked clamp, incl. 3M12	1SEP102143R0231	5,8
	XLBM3-3P-ZS	630A 3 pole, w. hooked clamp, side connection, incl. 3 clamps	1SEP102143R0421	5,5
2	XLBM3-3P-Z2S	630A 3 pole, w. hooked clamp, double side connection, incl. 6 clamps	1SEP102143R0521	6,7
	XLBM800A-3P-Z	800A 3 pole, w. hooked clamp, incl. 4x3 M12 bolts	1SEP102174R0004	12,0
3	XLBM1250A-3P-Z	1250A 3 pole, w. hooked clamp, incl. 4x3 M12 bolts	1SEP102174R0003	12,5
<b>Disconnecter - BXL</b>				
	BXL1000A-1P-Z	1000A 1 pole, w. hooked clamp, incl. 2x3 M12 bolts	1SEP102148R0201	6,2
	BXL1000A-3P-Z	1000A 3 pole, w. hooked clamp, incl. 2x3 M12 bolts	1SEP102148R0221	6,3

# InLine

## 8. Ordering tables

### Z busbar system and Modules

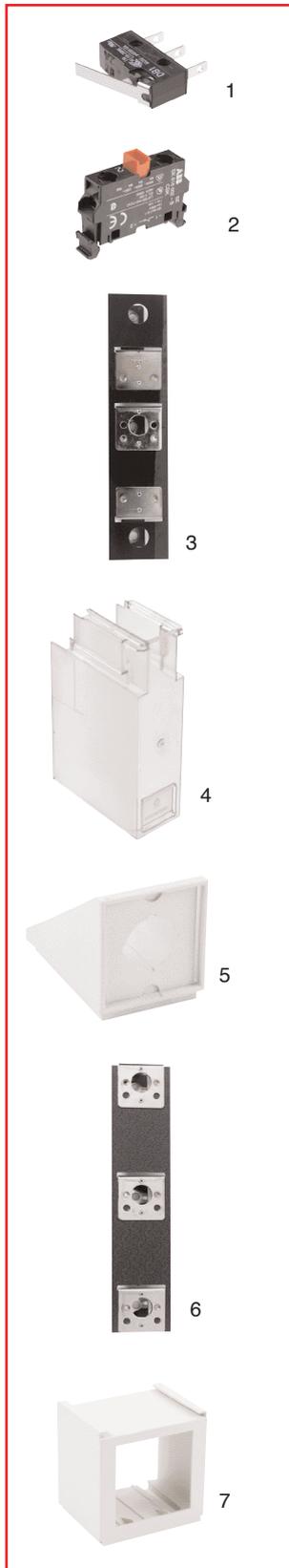


Type	Designation	Item Description	Order code	Weight Per Unit (Kg)
<b>IP20 Z-busbars kit</b>				
1	DCN0-Z400A/390	400A/390mm, incl. IP20 busbars&holders	1SEP201621R0001	1,3
	DCN0-Z400A/525	400A/525mm, incl. IP20 busbars&holders	1SEP201621R0002	1,8
	DCN1-Z400A/720	400A/720mm, incl. IP20 busbars&holders	1SEP201621R0004	3,2
	DCN0-Z630A/525	630A/525mm, incl. IP20 busbars&holders	1SEP102161R0003	4
	DCN1-Z630A/720	630A/720mm, incl. IP20 busbars&holders	1SEP102161R0005	6,5
	DCN2-Z630A/1050	630A/1050mm, incl. IP20 busbars&holders	1SEP102161R0006	8,5
<b>Modules with hooked clamp (Z)</b>				
2	LB 160	160A load break switch	1SEP731800R0001	4,5
	LB 250	250A load break switch	1SEP731802R0001	7,2
	LB 400	400A load break switch	1SEP731804R0001	
	LB 630	630A load break switch	1SEP731806R0001	
	FLS 160	160A switch fuse	1SEP731808R0001	4,8
	FLS 250	250A switch fuse	1SEP731810R0001	7,9
	FLS 400	400A switch fuse	1SEP731812R0001	11,6
	FLS 630	630A switch fuse	1SEP731814R0001	19,9
	LS 160	160A load break switch-sectionallizer	1SEP731816R0001	4,1
	LS 250	250A load break switch-sectionallizer	1SEP731818R0001	4,2
	LS 400	400A load break switch-sectionallizer	1SEP731820R0001	6,9
	LS 630	630A load break switch-sectionallizer	1SEP731822R0001	10,3
	FSS 160	160A switch fuse -sectionallizer	1SEP731824R0001	4,5
	FSS 250	250A switch fuse -sectionallizer	1SEP731826R0001	7,6
	FSS 400	400A switch fuse -sectionallizer	1SEP731828R0001	11,3
	FSS 630	630A switch fuse -sectionallizer	1SEP731830R0001	19,6
	LDL 63/3	63A diazed unit w. 3 groups	1SEP731530R0001	
	AKZD 95	Direct incomer	1SEP731594R0001	0,1
	AKKZ 300	Direct incomer	1SEP731521R0001	0,4

# InLine

## 8. Ordering tables

### Accessories



Type	Designation	Item Description	Order code	Weight Per Unit (Kg)
<b>Common accessories</b>				
1	Insulated hexagon key NV6		NHSN950001P0006	0,1
2	Micro auxiliary switch	6A/250V	1SEP407742R0001	0,01
	Auxiliary switch NC	10A/690V	1SEP407742R0002	0,02
	Auxiliary switch NO	10A/690V	1SEP407742R0003	0,02
<b>Accessories XUBM/XLBM00-100</b>				
	00-100 Cable shroud for clamps, H=106mm		1SEP304058R0001	0,02
	00-100 Cable shroud extended for cable lugs, H=150mm		1SEP304061R0001	0,05
	00-100 Label holder		1SEP304068R0001	0,01
	00-100 Phase barrier kit	Kit incl. 3 pcs.	1SEP304105R0001	0,05
	00-100 Height alignment kit		1SEP304067R0001	0,03
	00-100 Micro switch		1SEP304060R0001	0,01
	00-100 Single adapter for 60mm busbar distance		1SEP304064R0001	0,3
	00-100 Single adapter 100 to 185mm busbar dist.		1SEP304066R0001	0,4
3	00-100 Double adapter 100 to 185mm busbar dist.		1SEP304065R0001	0,7
	00-100 Hooked clamp	Kit incl. 3 pcs.	1SEP304059R0001	0,03
<b>Accessories XUBM/XLBM00</b>				
4	XUBM00 Fuse protection cover		1SEP201543R0001	0,3
	XUBM00 Phase barrier kit	Kit incl. 2 pcs.	1SEP304442R0001	0,05
	XUBM00 Cable shroud		1SEP408124R0001	0,2
5	XLBM00 Cable shroud down, H=185mm		1SEP408126R0001	0,15
	XLBM00 Cable shroud up, H=180mm		1SEP408255R0001	
	XLBM00 Cable shroud short, H=64 mm		1SEP408128R0001	0,1
	XLBM00 Label holder		1SEP408139R0001	0,1
	XLBM00 A-meter house for A-meter 48x48 mm		1SEP408141R0001	0,05
6	Max A-meter QB48, 0-150-180/5A		NHSN714003P1150	0,1
	CT rear side inst. kit 160/5A 2,5VA cl.1		1SEP408149R0001	0,6
	00 Bridge clamp (3BC) 1,5-50mm <sup>2</sup>	Kit incl. 3 pcs.	1SEP407733R0001	0,04
	00 Single prism clamp (3PC) 1,5-95mm <sup>2</sup>	Kit incl. 3 pcs.	1SEP407732R0005	0,09
	00 Single adapter M12 to M8 for 185mm busbar dist.		1SEP304072R0001	0,4
	00 Double adapter M12 to M8 for 185mm busbar dist.		1SEP304071R0001	0,7
	00 Spare way cover		1SEP304069R0001	0,2
	XLBM00-3PL Upper part w. operating handle		1SEP408421R0001	
	XLBM00-1P Upper part w. operating handle		1SEP408421R0002	
	XLBM00-3P Upper part w. operating handle		1SEP408421R0003	
<b>Accessories for XUBM/XLBM 123</b>				
	XUBM123 Fuse protection cover		1SEP201499R0001	0,35
	XUBM123 Phase barrier kit	Kit incl. 2 pcs.	1SEP304395R0001	0,15
	XUBM123 Cable shroud		1SEP408125R0001	0,25
7	XLBM123 Cable shroud		1SEP408127R0001	0,2
	XLBM123 Cable shroud for S&J		1SEP408418R0001	0,2
	XLBM123 Cable shroud for double V-clamp		1SEP304526R0001	
	XLBM123 Cable shroud for doubl.kit f.switchb.		1SEP408261R0001	
	XLBM2 Front cable shroud		1SEP408413R0002	0,05
	XLBM3 Front cable shroud		1SEP408413R0003	0,05
	XLBM123 Label holder		1SEP408140R0001	0,1
	XLBM123 A-meter housing IQB72 for A-meter 72x72 mm		1SEP408142R0001	0,05
	Max A-meter QB72, 0-150-180/5A		NHSN714004P2206	0,2
	Max A-meter QB72, 0-200-300/5A		NHSN714004P2208	
	Max A-meter QB72, 0-400-480/5A		NHSN714004P2210	0,2
	Max A-meter QB72, 0-600-720/5A		NHSN714004P2212	0,2

# InLine

## 8. Ordering tables

### Accessories



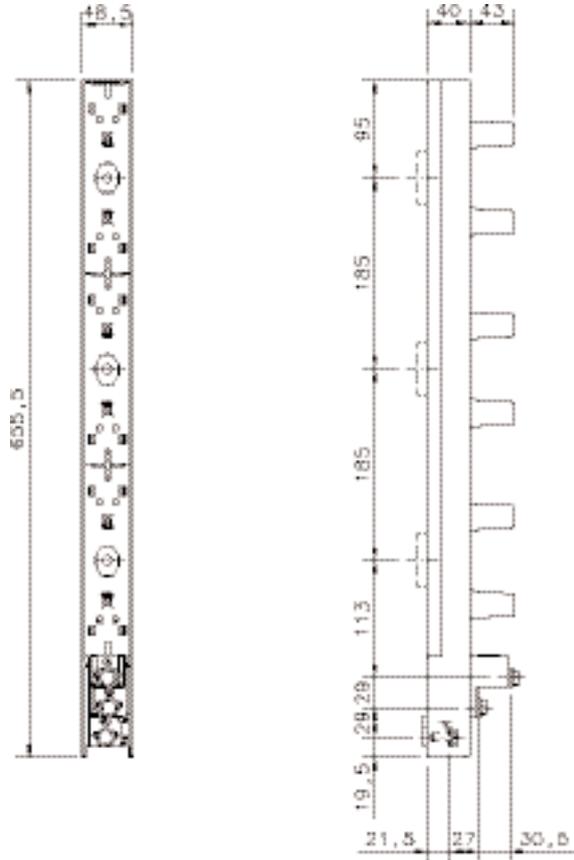
Type	Designation	Item Description	Order code	Weight Per Unit (Kg)	
<b>Accessories for XUBM/XLBM 123</b>					
		CT busbar 200A/5A 3,75VA cl.1	Kit incl. 3 CT's	1SEP408149R0002	1,3
		CT busbar 400A/5A 5VA cl.1	Kit incl. 3 CT's	1SEP408149R0003	1,3
		CT busbar 600A/5A 5VA cl.1	Kit incl. 3 CT's	1SEP408149R0004	1,3
		CT busbar 600A/5A 5VA cl.0,5	Kit incl. 3 CT's	1SEP408149R0005	1,3
		CT terminal inst. kit 160/5a 2,5VA cl.1		1SEP408149R0006	0,6
		CT terminal 200/5A 3,75VA kl.1	Kit incl. 1 CT	1SEP408149R0007	0,6
		CT terminal 400/5A 5VA cl.1	Kit incl. 1 CT	1SEP408149R0008	0,6
		CT terminal 600/5A 5VA cl.1	Kit incl. 1 CT	1SEP408149R0009	0,6
		CT terminal 600/5A 5VA cl.0,5	Kit incl. 1 CT	1SEP408149R0010	0,6
1		Plug in A-meter, front cover inst. 200-400/5A		NHPL046270R0001	0,2
		Plug in CT for front cover inst. A-meter 200/5A 3,5VA cl.3		NHSN718050P2525	0,1
		Plug in CT for front cover inst. A-meter 400/5A 5VA cl.3		NHSN718050P2540	0,1
2		NH2 Fuse link 400V/100A for plug in CT		NHPL046265R0001	0,5
		NH2 Fuse link 400V/125A for plug in CT		NHPL046266R0001	0,5
		NH2 Fuse link 400V/160A for plug in CT		NHPL046267R0001	0,5
		NH2 Fuse link 400V/200A for plug in CT		NHPL046268R0001	0,5
		NH2 Fuse link 400V/224A for plug in CT		NHPL046269R0001	0,5
		NH2 Fuse link 400V/250A for plug in CT		NHPL046272R0001	0,5
		NH2 Fuse link 400V/315A for plug in CT		NHPL046273R0001	0,5
		NH2 Fuse link 400V/335A for plug in CT		NHPL046274R0001	0,5
		NH2 Fuse link 400V/400A for plug in CT		NHPL046275R0001	0,5
		XLBM123 M12 Stud-bolts (for perm. fixing incl. 3 x Bolts M12x40 mm w/ wash.)		1SEP408259R0001	
		XLBM123 Isolation plug for supply busbar		1SEP408429R0001	
		123 Huckepack Temporary supply outlet		NHSN722068P0002	0,25
		123 V-clamp kit Kit incl. 3 pcs.		1SEP304446R0001	0,45
		123 Double V-clamp kit for CDC Kit incl. 3 pcs.		1SEP304457R0001	0,45
		123 Double V-clamp kit for switchboards		1SEP408268R0001	
		123 Double cable lug kit for switchboards Kit incl. 3 pcs.		1SEP304546R0001	0,45
		123 Spare way cover		1SEP304080R0001	0,31
		XLBM1-1P Upper part w. operating handle		1SEP408422R0001	1,4
		XLBM1-3P Upper part w. operating handle		1SEP408422R0002	1,5
		XLBM2-1P Upper part w. operating handle		1SEP408422R0003	1,4
		XLBM2-3P Upper part w. operating handle		1SEP408422R0004	1,5
		XLBM3-1P Upper part w. operating handle		1SEP408422R0005	1,5
		XLBM3-3P Upper part w. operating handle		1SEP408422R0006	1,6
<b>Accessories for XLBM 800A/1250A</b>					
		XLBM800A/1250A Cable shroud down		1SEP408310R0001	
		XLBM800A/1250A Cable shroud up		1SEP408339R0001	
<b>Common Accessories for XUBM/XLBM</b>					
		XLBM Side shrouds to front panels		1SEP408416R0001	1,6

# InLine

## 9. Dimensional drawings

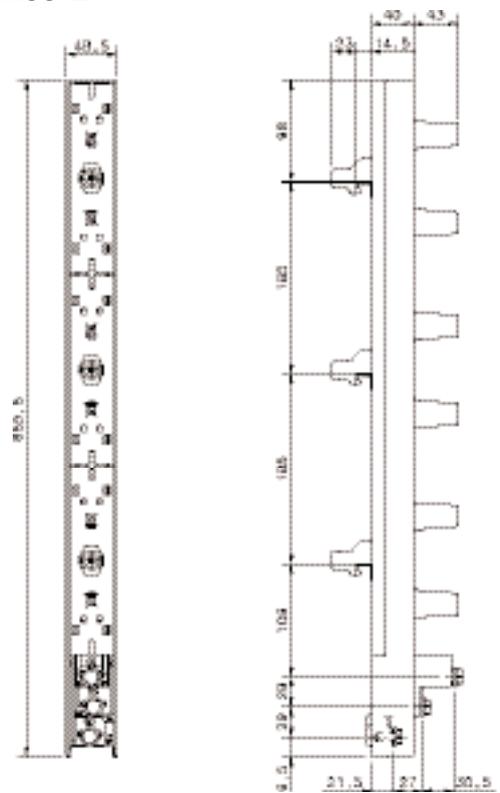
### XUBM

**XUBM00**



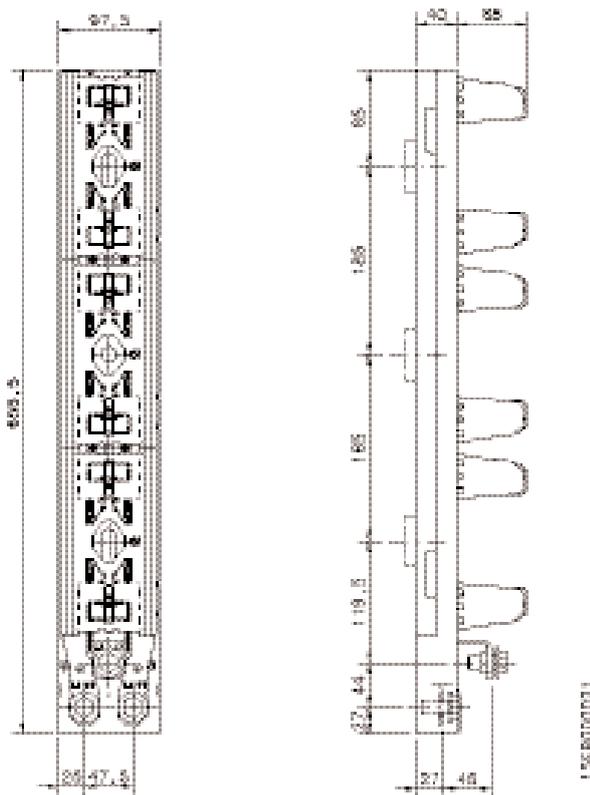
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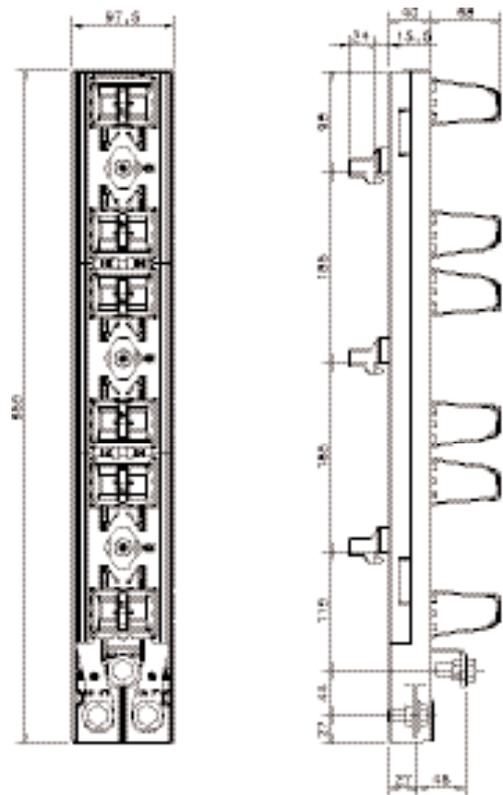
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**XUBM1/2/3-Z**



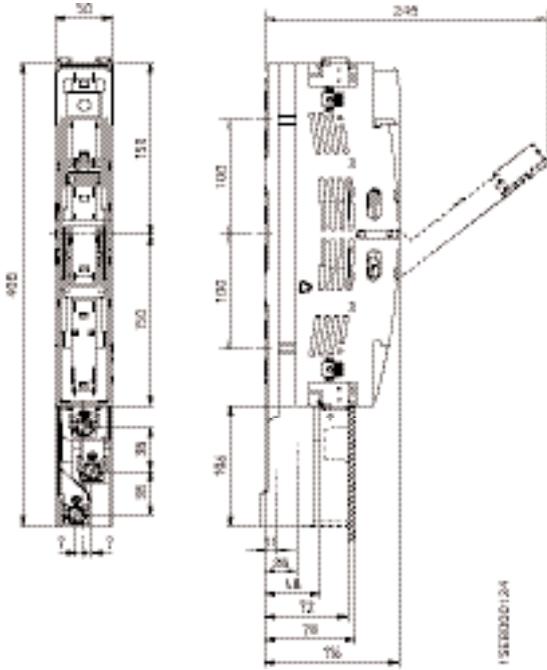
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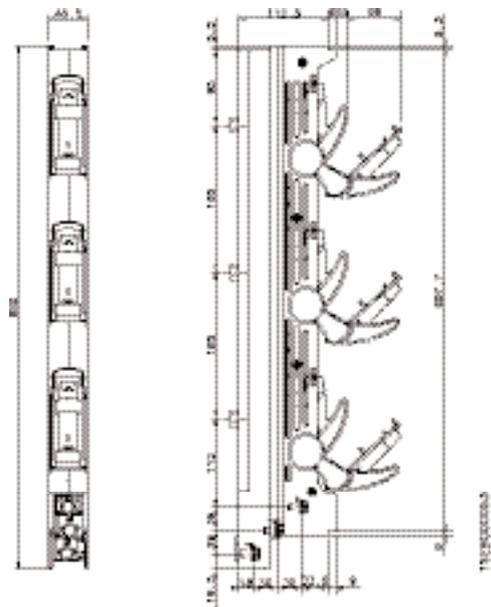
## 9. Dimensional drawings

XLBM00

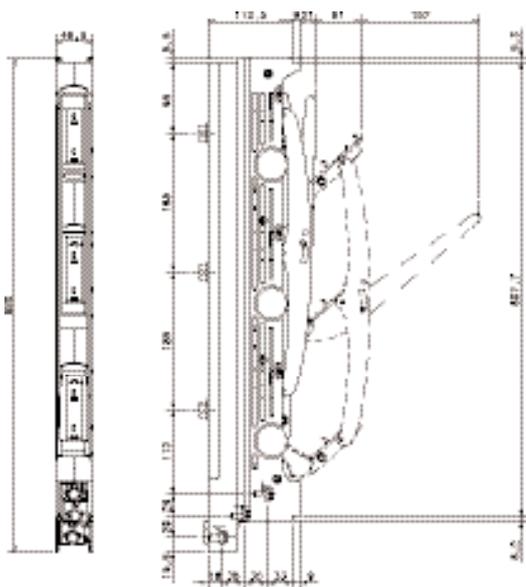
XLBM00-3P-100



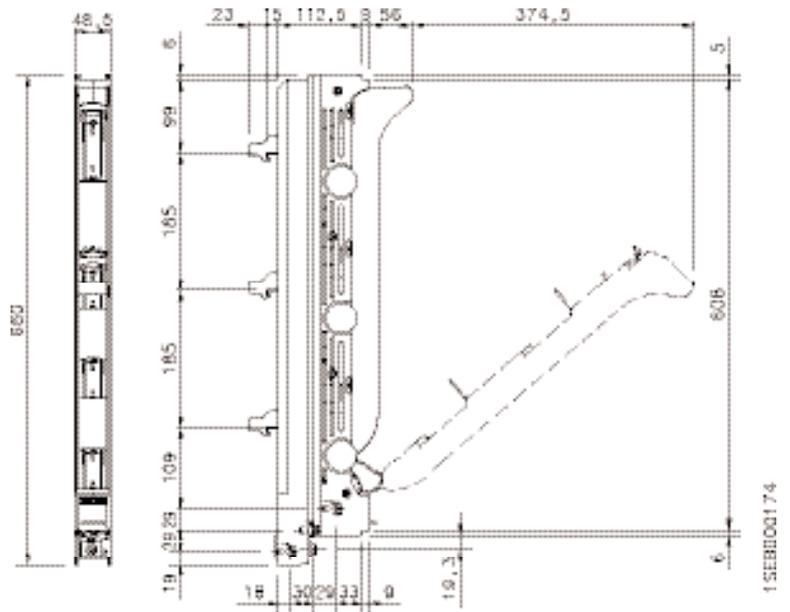
XLBM00-1P



XLBM00-3P



XLBM00-3PL-Z



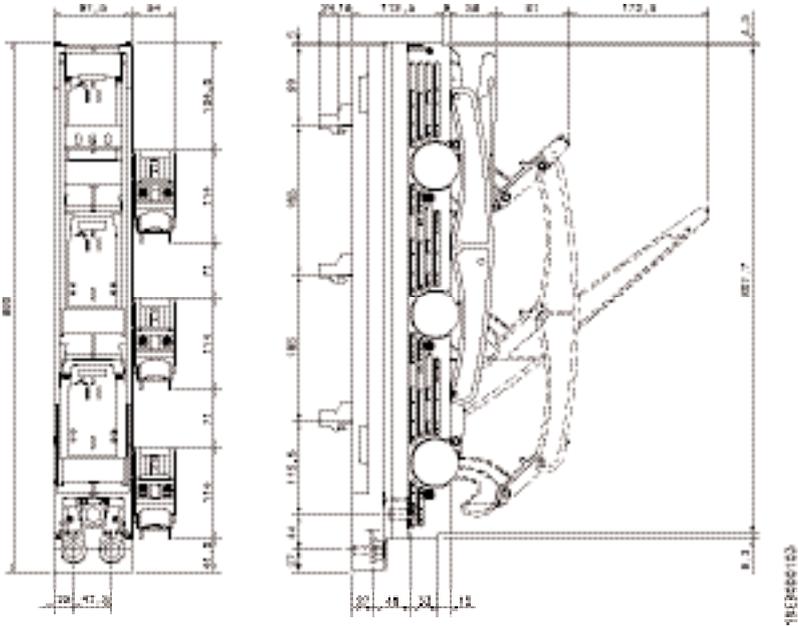


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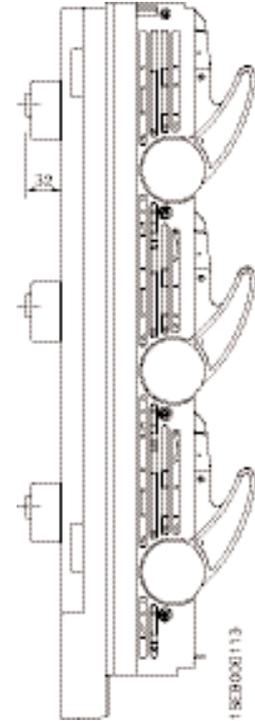
## 9. Dimensional drawings

XLBM1/2/3

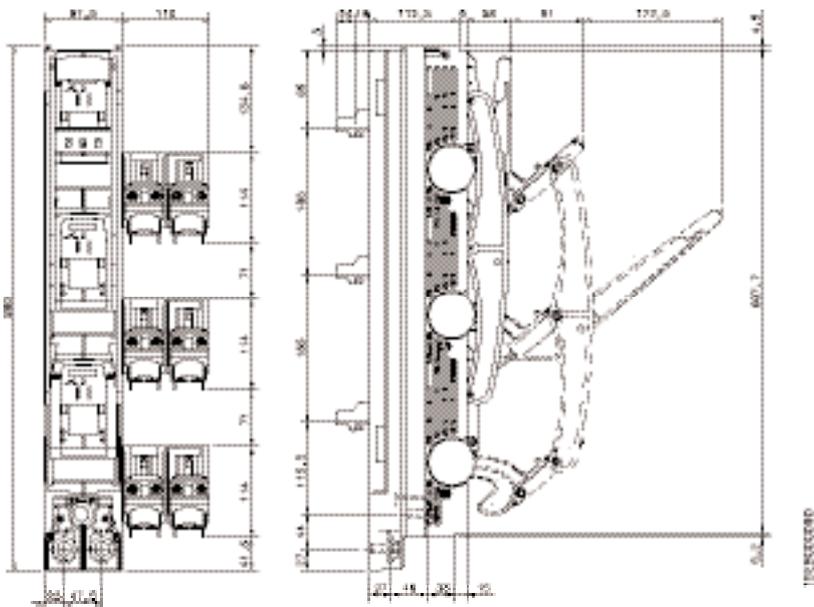
**XLBM1/2/3-3P-ZS**



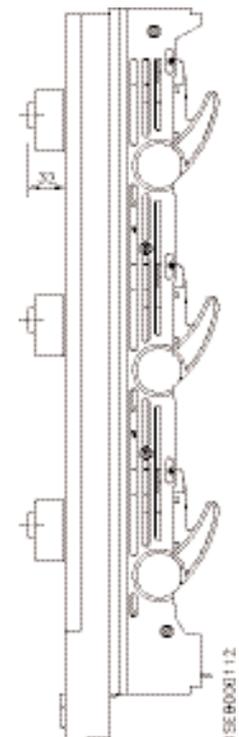
**XLBM1/2/3 CT rear side inst.**



**XLBM1/2/3-3P-Z2S**



**XLBM00 CT rear side inst.**

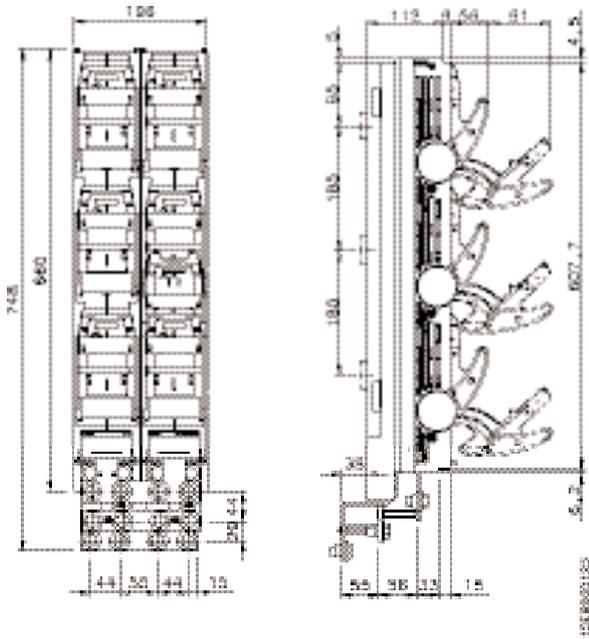


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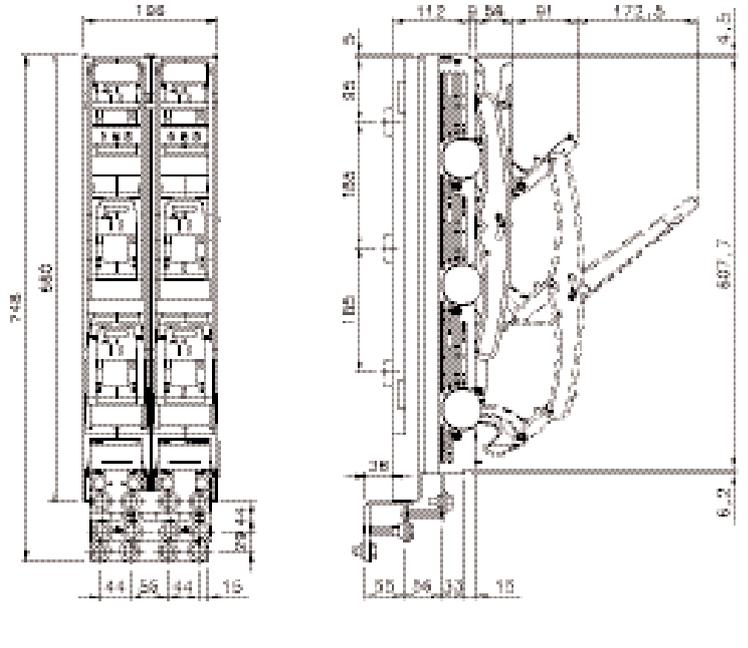
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### XLBM800A/1250A

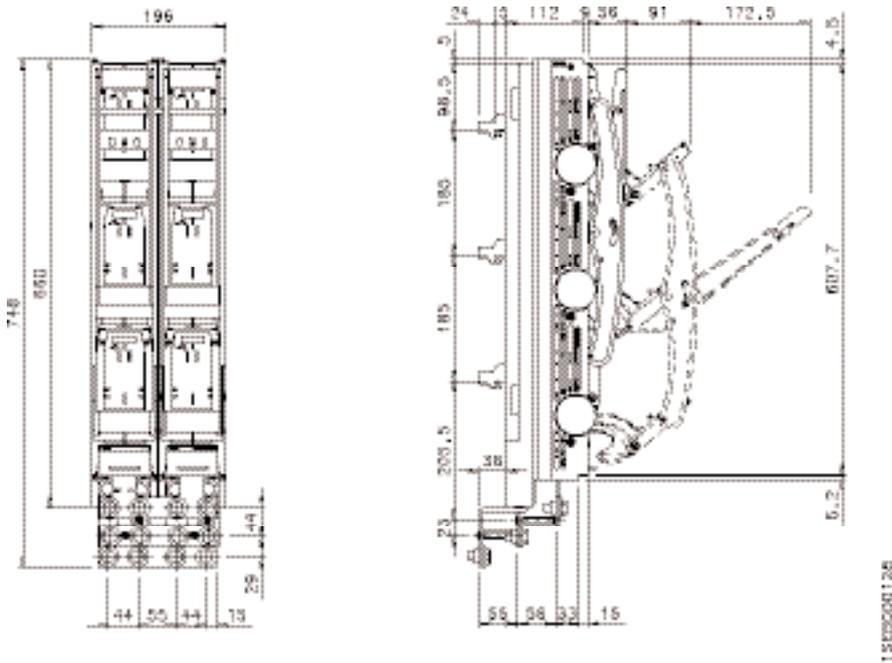
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**XLBM800A/1250A-3P**



**XLBM800A/1250A-3P-Z**

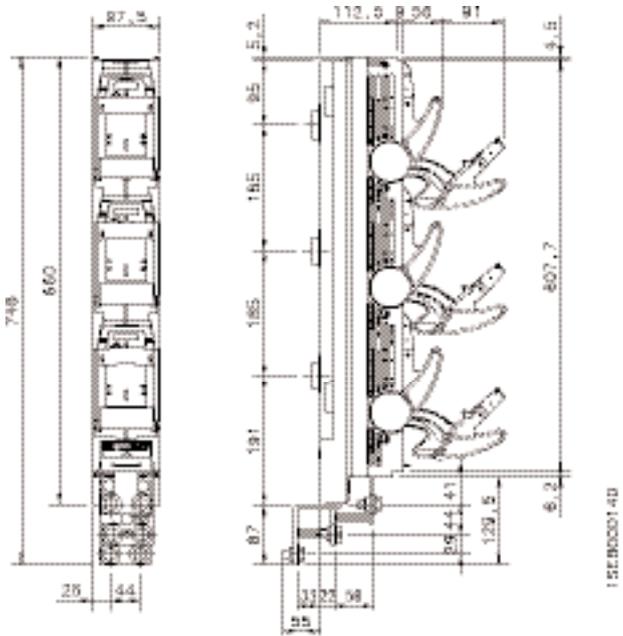


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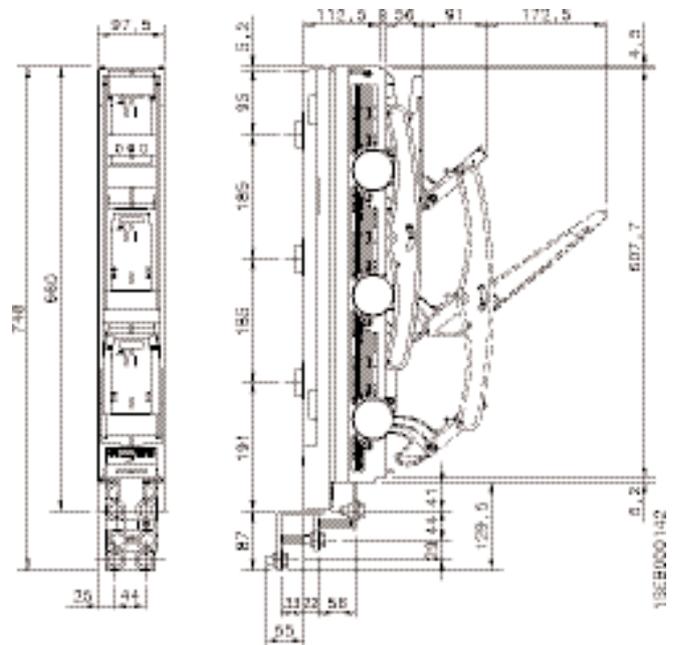
## 9. Dimensional drawings

BXL1000A and BXL1250/1600A

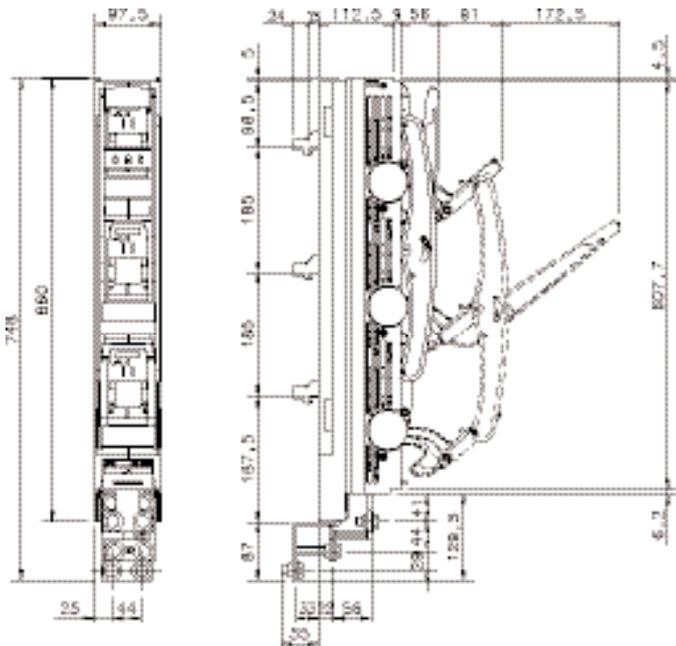
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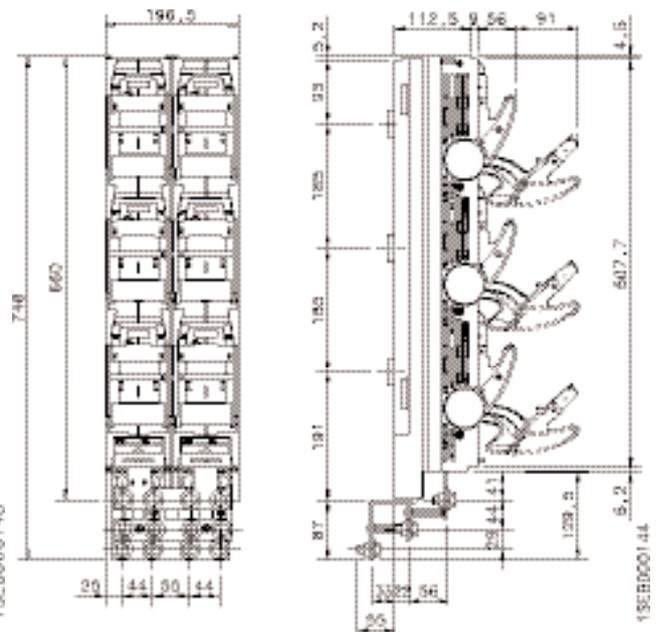
**BXL1000A-3P**



**BXL1000A-3P-Z**



**BXL1250A/1600A-1P**

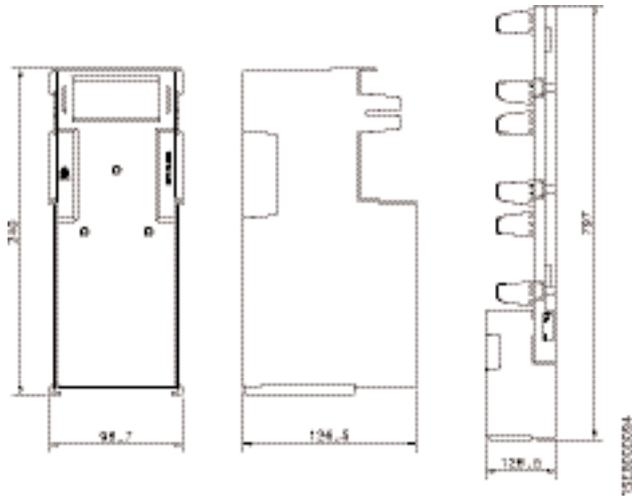




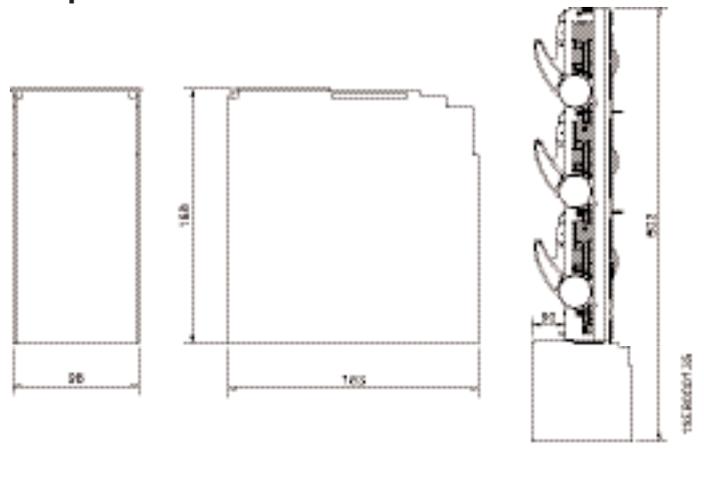
# InLine Accessories

Size 1/2/3

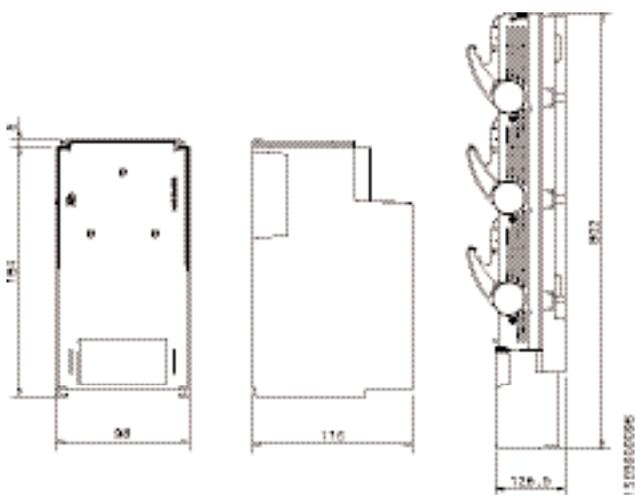
**Cable shroud XUBM**



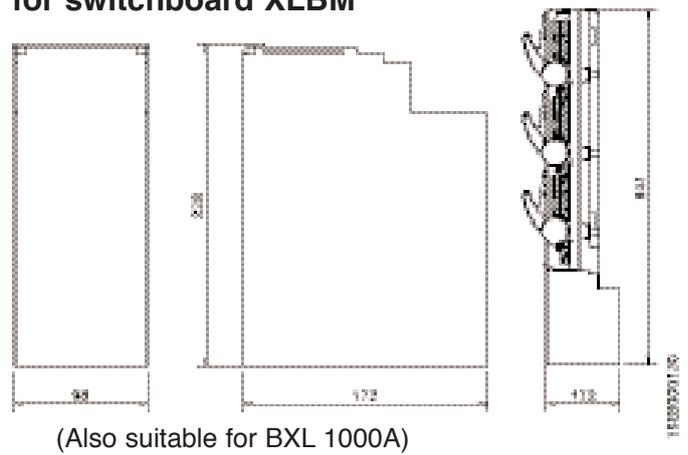
**Cable shroud, double V-clamp  
for panel XLBM**



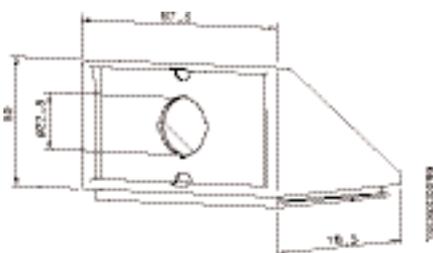
**Cable shroud XLBM**



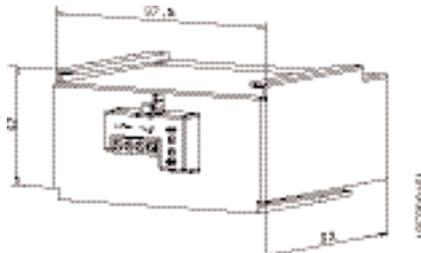
**Cable shroud, double V-clamp  
for switchboard XLBM**



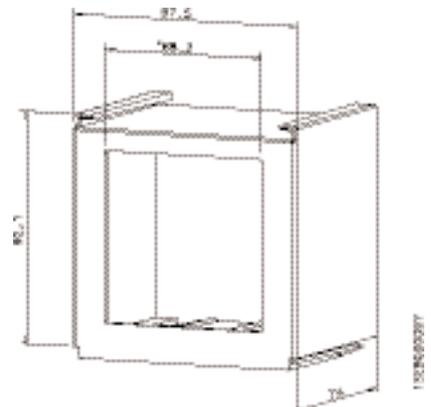
**Label holder**



**EFM**



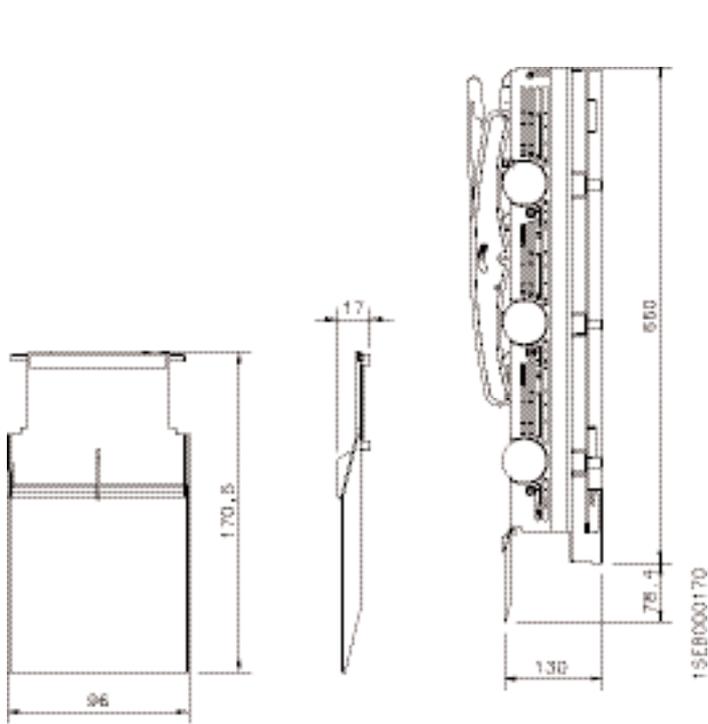
**Ammeter house**



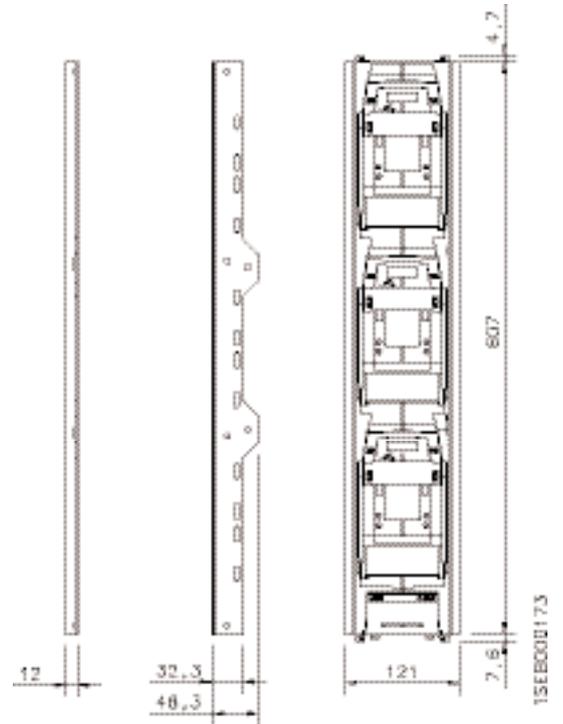
# InLine Accessories

Size 1/2/3

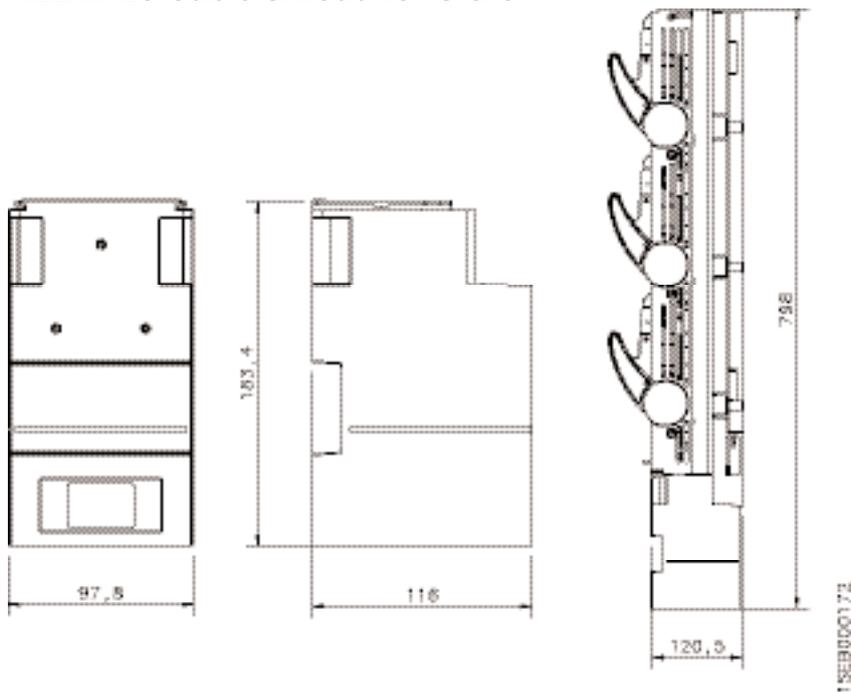
## XLBM23 Front Cable shroud



## XLBM Side shrouds to front panels



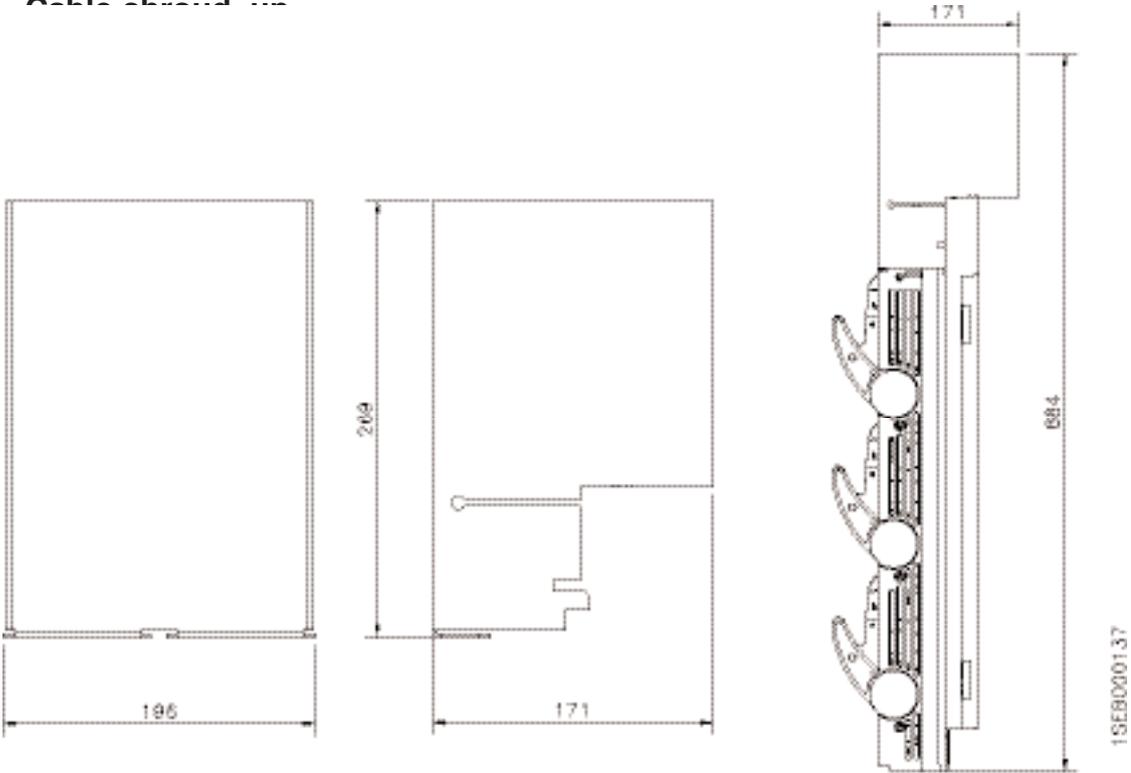
## XLBM123 Cable shroud for S & J



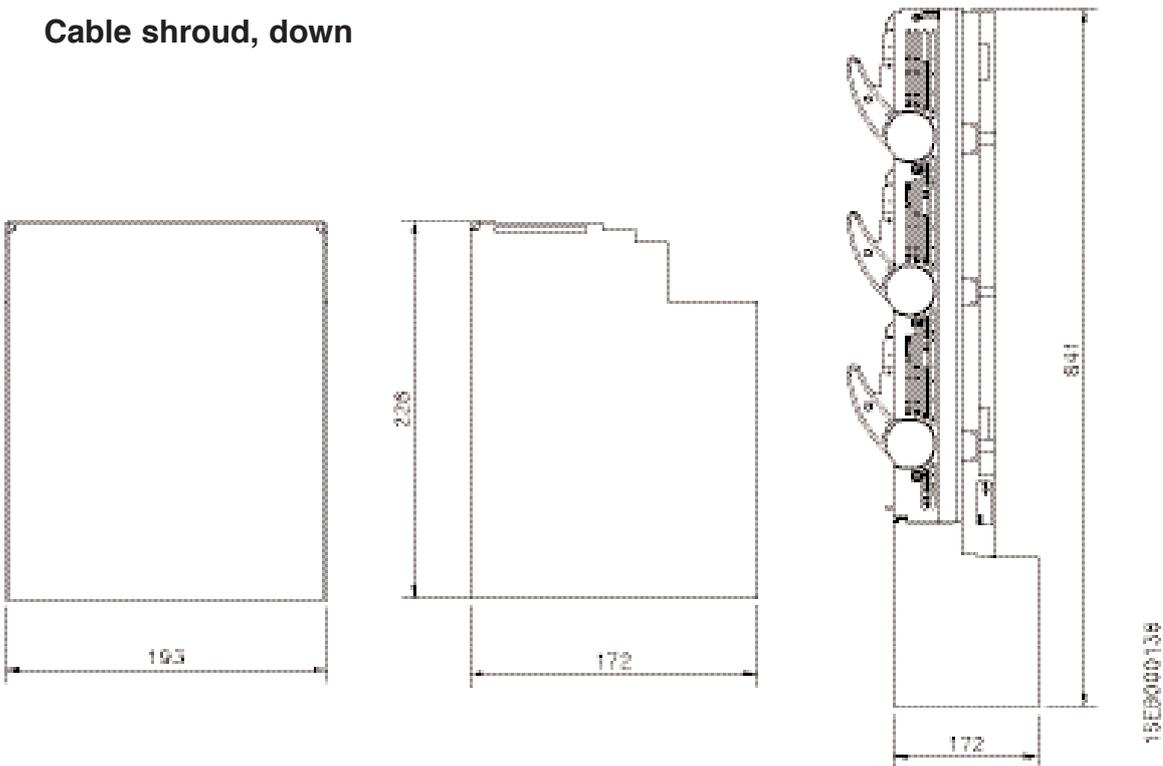
# InLine Accessories

XLBM800A/1250A

## Cable shroud, up



## Cable shroud, down







A part of its on-going product improvement, ABB reserves the right to modify the characteristics or the products described in this brochure. The information given is non-contractual. For further details please contact the ABB company marketing these products in your country.

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